

FAST

FESTO

**Productos en existencia, listos para
enviar en toda Norteamérica**





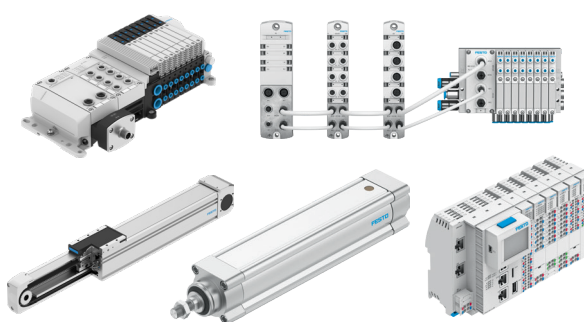
En inventario y listo para enviar

Obtén los productos que necesitas, cuando los requieras, de forma rápida y fiable. La canasta Festo FASTSM tienen los menores tiempos de entrega, respaldados por los inventarios en México y USA. Este servicio confiable mantendrá sus operaciones funcionando sin problemas.



Automatización neumática

- Actuadores y cilindros
- Detectores de posición de cilindros
- Válvulas
- Preparación de aire
- Conexiones y mangueras



Automatización Eléctrica

- Actuadores eléctricos
- Motores y servo drives
- E/S remota



Busque el icono del cronómetro en la tienda en línea o en Quick Search Plus para encontrar fácilmente productos de entrega rápida



Descargar Quick Search Plus



Tienda en Línea

Cilindros compactos - ADN, según la norma ISO 21287



| | | | | | |
|------------|---|-----|-----|-----|-----|
| 001 | 002 | 003 | 004 | 005 | 006 |
| ADN | | | | | A |
| 001 | Tipo | | | | |
| ADN | Actuador compacto, de doble efecto, conforme a la norma ISO 21287 | | | | |
| 002 | Pistón Ø [mm] | | | | |
| --- | 12, 16, 20, 25, 32, 40, 50, 63, 80 | | | | |
| 003 | Carrera [mm] | | | | |
| --- | 5, 10, 15, 20, 25, 30, 40, 50, 80 | | | | |
| 004 | Tipo de rosca de vástago de pistón | | | | |
| A | Rosca macho | | | | |
| I | Rosca hembra | | | | |
| 005 | Amortiguación | | | | |
| P | Placas de amortiguación elástica en ambos extremos | | | | |
| 006 | Detección de posición | | | | |
| A | A través de un interruptor de proximidad | | | | |

Actuadores y cilindros

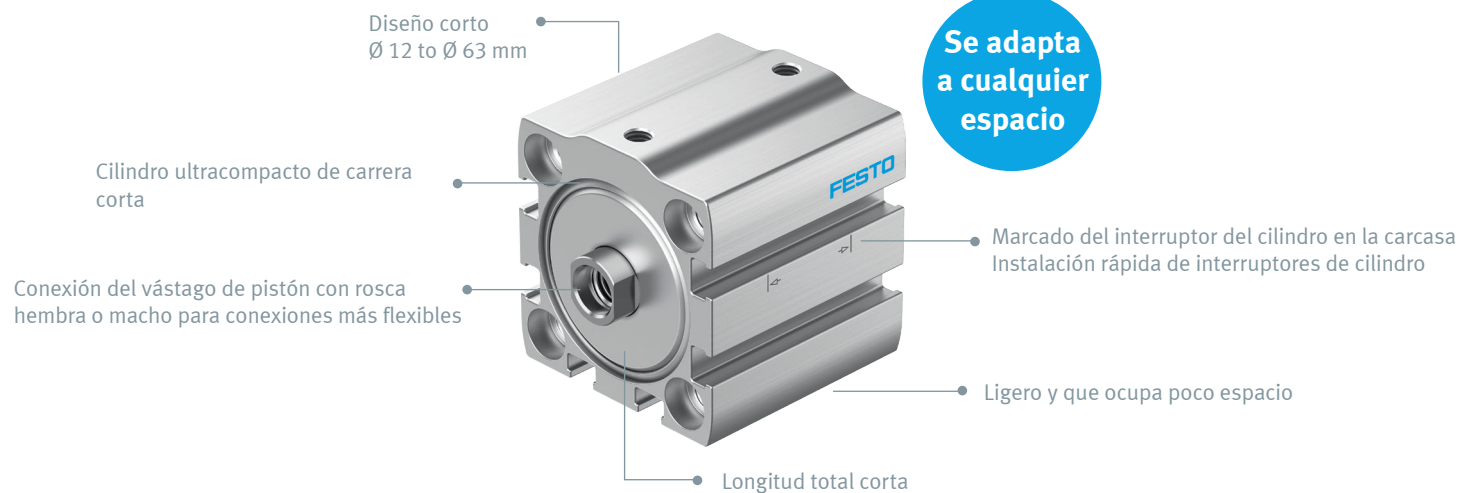
Pedido – Diseño básico


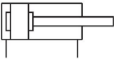

| 003 Carrera [mm] | 002 Pistón Ø [mm] | | | | | | | | |
|--|---|---------|---------|--------|---------|---------|---------|--------|--------|
| | 12 | 16 | 20 | 25 | 32 | 40 | 50 | 63 | 80 |
| | 004 Vástago con rosca macho – 005 Amortiguación – 006 Detección de posición | | | | | | | | |
| A-P-A | | | | | | | | | |
| 5 | 536204 | 536219 | 536234 | 536251 | 536268 | 536289 | 536310 | | |
| 10 | 536205 | 536220 | 536235 | 536252 | 536269 | 536290 | 536311 | 536332 | 536353 |
| 15 | 536206 | 536221 | 536236 | 536253 | 536270 | 536291 | 536312 | 536333 | 536354 |
| 20 | 536207 | 536222 | 536237 | 536254 | 536271 | 536292 | 536313 | 536334 | 536355 |
| 25 | 536208 | 536223 | 536238 | 536255 | 536272 | 536293 | 536314 | 536335 | 536356 |
| 30 | 536209 | 536224 | 536239 | 536256 | 536273 | 536294 | 536315 | 536336 | 536357 |
| 35 | 8178327 | 8178762 | 8178859 | 574647 | 576645 | 8179031 | 8178336 | | |
| 40 | 536210 | 536225 | 536240 | 536257 | 536274 | 536295 | 536316 | 536337 | 536358 |
| 50 | 8178548 | 536331 | 536241 | 536258 | 536275 | 536296 | 536317 | 536338 | 536359 |
| 60 | | | 536352 | 536373 | 536276 | 536297 | 536318 | 536339 | 536360 |
| 80 | | | | | 536277 | 536298 | 536319 | 536340 | 536361 |
| 004 Vástago con rosca hembra – 005 Amortiguación – 006 Detección de posición | | | | | | | | | |
| I-P-A | | | | | | | | | |
| 5 | 536211 | 536226 | 536242 | 536259 | 536278 | 536299 | 536320 | | |
| 10 | 536212 | 536227 | 536243 | 536260 | 536279 | 536300 | 536321 | 536342 | 536363 |
| 15 | 536213 | 536228 | 536244 | 536261 | 536280 | 536301 | 536322 | 536343 | 536364 |
| 20 | 536214 | 536229 | 536245 | 536262 | 536281 | 536302 | 536323 | 536344 | 536365 |
| 25 | 536215 | 536230 | 536246 | 536263 | 536282 | 536303 | 536324 | 536345 | 536366 |
| 30 | 536216 | 536231 | 536247 | 536264 | 536283 | 536304 | 536325 | 536346 | 536367 |
| 35 | | 8178765 | 578011 | 608920 | 8179019 | 8179033 | 8178619 | | |
| 40 | 536217 | 536232 | 536248 | 536265 | 536284 | 536305 | 536326 | 536347 | 536368 |
| 50 | 8178550 | 536341 | 536249 | 536266 | 536285 | 536306 | 536327 | 536348 | 536369 |
| 60 | | | 536362 | 536383 | 536286 | 536307 | 536328 | 536349 | 536370 |
| 80 | | | | | 536287 | 536308 | 536329 | 536350 | 536371 |



Cilindros compactos - ADN-S/AEN-S


Se adapta a cualquier espacio




| 005 Rosca del vástago del pistón | 006 Amortiguación | 007 Detección de posición |
|---|---|---|
| A: Rosca macho I: Rosca hembra | -: Sin P: Anillos de amortiguación elástica | -: Sin A: Mediante sensor de proximidad |
| I  | P  | A  |

Pedido – Ø 12 mm/16 mm

| 003 Pistón Ø [mm] | | | | ADN-S-12-... | | | | | | |
|-------------------|-----|-----|-----|------------------|---------|---------|---------|---------|---------|---------|
| | | | | 004 Carrera [mm] | | | | | | |
| 005 | 006 | 007 | 008 | 5 | 10 | 15 | 20 | 25 | 30 | 35 |
| I | P | - | - | 8076407 | 8076419 | 8076417 | 8076415 | 8076413 | 8076411 | 8076409 |
| I | P | A | - | 8076406 | 8076418 | 8076416 | 8076414 | 8076412 | 8076410 | 8076408 |



| 003 Pistón Ø [mm] | | | | ADN-S-16-... | | | | | | |
|-------------------|-----|-----|-----|------------------|---------|---------|---------|---------|---------|---------|
| | | | | 004 Carrera [mm] | | | | | | |
| 005 | 006 | 007 | 008 | 5 | 10 | 15 | 20 | 25 | 30 | 35 |
| I | P | - | - | 8076393 | 8076405 | 8076403 | 8076401 | 8076399 | 8076397 | 8076395 |
| I | P | A | - | 8076392 | 8076404 | 8076402 | 8076400 | 8076398 | 8076396 | 8076394 |



Pedido – Ø 20 ... 63 mm

| 003 Pistón Ø [mm] | | | | ADN-S-20-... | | | | | | | | | |
|-------------------|-----|-----|-----|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | 004 Carrera [mm] | | | | | | | | | |
| 005 | 006 | 007 | 008 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| I | P | - | - | 8076323 | 8076341 | 8076339 | 8076337 | 8076335 | 8076333 | 8076331 | 8076329 | 8076327 | 8076325 |
| I | P | A | - | 8076322 | 8076340 | 8076338 | 8076336 | 8076334 | 8076332 | 8076330 | 8076328 | 8076326 | 8076324 |

| 003 Pistón Ø [mm] | | | | ADN-S-25-... | | | | | | | | | |
|-------------------|-----|-----|-----|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | 004 Carrera [mm] | | | | | | | | | |
| 005 | 006 | 007 | 008 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| I | P | - | - | 8076343 | 8076361 | 8076359 | 8076357 | 8076355 | 8076353 | 8076351 | 8076349 | 8076347 | 8076345 |
| I | P | A | - | 8076342 | 8076360 | 8076358 | 8076356 | 8076354 | 8076352 | 8076350 | 8076348 | 8076346 | 8076344 |

| 003 Pistón Ø [mm] | | | | ADN-S-32-... | | | | | | | | | |
|-------------------|-----|-----|-----|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | 004 Carrera [mm] | | | | | | | | | |
| 005 | 006 | 007 | 008 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| I | P | - | - | 8076364 | 8076382 | 8076380 | 8076378 | 8076376 | 8076374 | 8076372 | 8076370 | 8076368 | 8076366 |
| I | P | A | - | 8076363 | 8076381 | 8076379 | 8076377 | 8076375 | 8076373 | 8076371 | 8076369 | 8076367 | 8076365 |

| 003 Pistón Ø [mm] | | | | ADN-S-40-... | | | | | | | | | |
|-------------------|-----|-----|-----|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | 004 Carrera [mm] | | | | | | | | | |
| 005 | 006 | 007 | 008 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| I | P | A | - | 5138606 | 5138607 | 5138608 | 5138609 | 5138610 | 5138611 | 5138612 | 5138613 | 5138614 | 5138615 |

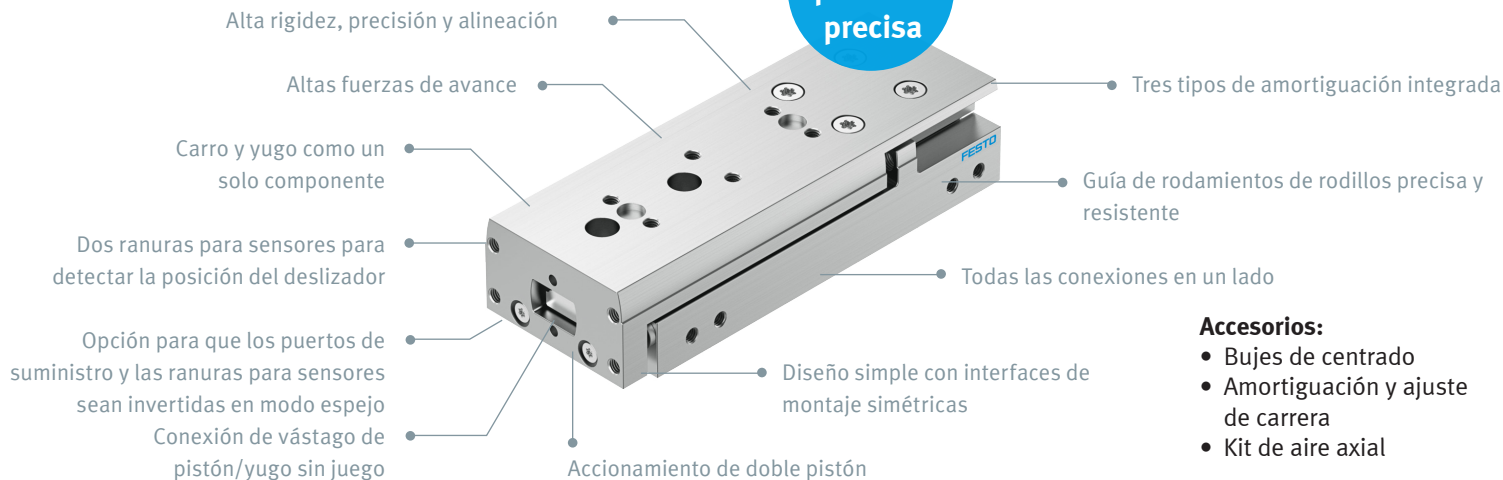
| 003 Pistón Ø [mm] | | | | ADN-S-50-... | | | | | | | | | |
|-------------------|-----|-----|-----|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | 004 Carrera [mm] | | | | | | | | | |
| 005 | 006 | 007 | 008 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| I | P | A | - | 5138188 | 5138189 | 5138190 | 5138191 | 5138192 | 5138193 | 5138194 | 5138195 | 5138196 | 5138197 |

| 003 Pistón Ø [mm] | | | | ADN-S-63-... | | | | | | | | | |
|-------------------|-----|-----|-----|------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | | | | 004 Carrera [mm] | | | | | | | | | |
| 005 | 006 | 007 | 008 | 5 | 10 | 15 | 20 | 25 | 30 | 35 | 40 | 45 | 50 |
| I | P | A | - | 5132663 | 5132664 | 5132665 | 5132666 | 5132667 | 5132668 | 5132669 | 5132670 | 5132671 | 5132672 |



Mini carro compacto - DGST

Unidad de potencia precisa



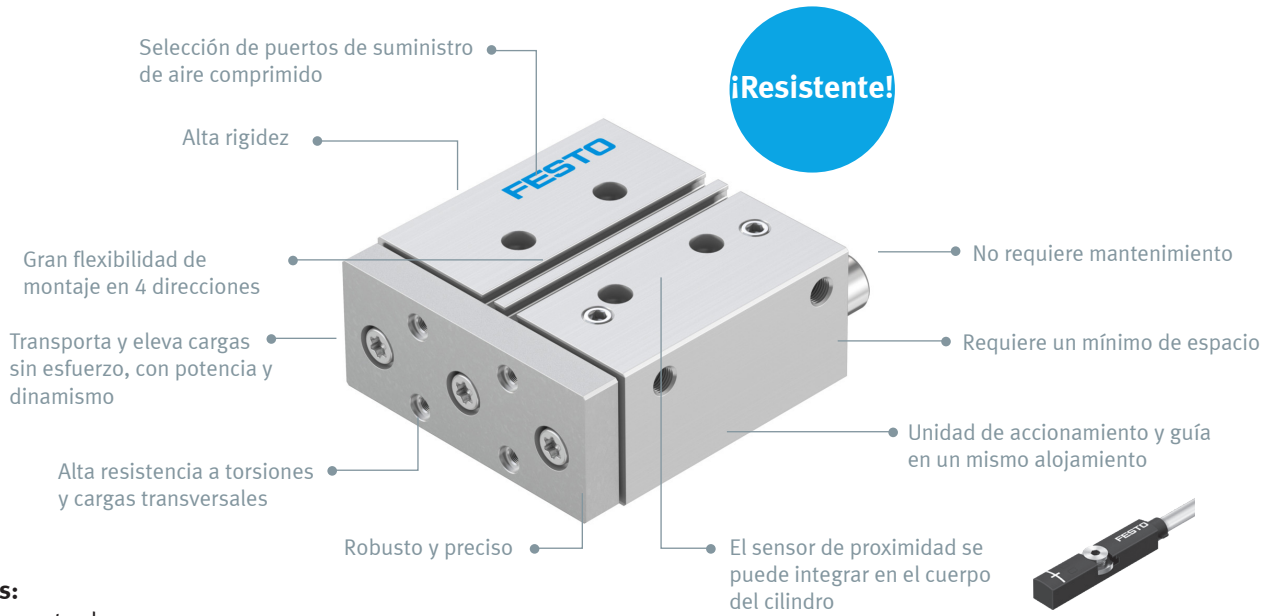
Accesorios:

- Bujes de centrado
- Amortiguación y ajuste de carrera
- Kit de aire axial

| Tamaño [mm] | 6 | 8 | 10 | 12 | 16 | 20 | 25 |
|---------------------|--|---------|---------|---------|---------|---------|---------|
| Carrera [mm] | Amortiguación E1: Amortiguación elástica en ambos extremos, sin ajuste de posición final | | | | | | |
| 10 | 8078828 | 8078833 | 8078839 | 8078846 | 8078853 | 8078862 | 8078872 |
| 20 | 8078829 | 8078834 | 8078840 | 8078847 | 8078854 | 8078863 | 8078873 |
| 30 | 8078830 | 8078835 | 8078841 | 8078848 | 8078855 | 8078864 | 8078874 |
| 40 | 8078831 | 8078836 | 8078842 | 8078849 | 8078856 | 8078865 | 8078875 |
| 50 | 8078832 | 8078837 | 8078843 | 8078850 | 8078857 | 8078866 | 8078876 |
| 80 | | 8078838 | 8078844 | 8078851 | 8078858 | 8078867 | 8078877 |
| 100 | | | 8078845 | 8078852 | 8078859 | 8078868 | 8078878 |
| 125 | | | | | 8078860 | 8078869 | 8078879 |
| 150 | | | | | 8078861 | 8078870 | 8078880 |
| 200 | | | | | | 8078871 | 8078881 |
| Carrera [mm] | Amortiguación P: Amortiguación elástica en ambos extremos, no ajustable, con ajuste de posición final | | | | | | |
| 10 | 8085105 | 8085110 | 8085116 | 8085123 | 8085130 | 8085139 | 8085149 |
| 20 | 8085106 | 8085111 | 8085117 | 8085124 | 8085131 | 8085140 | 8085150 |
| 30 | 8085107 | 8085112 | 8085118 | 8085125 | 8085132 | 8085141 | 8085151 |
| 40 | 8085108 | 8085113 | 8085119 | 8085126 | 8085133 | 8085142 | 8085152 |
| 50 | 8085109 | 8085114 | 8085120 | 8085127 | 8085134 | 8085143 | 8085153 |
| 80 | | 8085115 | 8085121 | 8085128 | 8085135 | 8085144 | 8085154 |
| 100 | | | 8085122 | 8085129 | 8085136 | 8085145 | 8085155 |
| 125 | | | | | 8085137 | 8085146 | 8085156 |
| 150 | | | | | 8085138 | 8085147 | 8085157 |
| 200 | | | | | | 8085148 | 8085158 |
| Carrera [mm] | Amortiguación Y12: Amortiguadores en ambos extremos, autoajustables, con ajuste de posición final | | | | | | |
| 30 | 8085159 | 8085162 | 8085166 | 8085171 | 8085176 | 8085183 | 8085191 |
| 40 | 8085160 | 8085163 | 8085167 | 8085172 | 8085177 | 8085184 | 8085192 |
| 50 | 8085161 | 8085164 | 8085168 | 8085173 | 8085178 | 8085185 | 8085193 |
| 80 | | 8085165 | 8085169 | 8085174 | 8085179 | 8085186 | 8085194 |
| 100 | | | 8085170 | 8085175 | 8085180 | 8085187 | 8085195 |
| 125 | | | | | 8085181 | 8085188 | 8085196 |
| 150 | | | | | 8085182 | 8085189 | 8085197 |
| 200 | | | | | | 8085190 | 8085198 |



Accionamiento guiado - DFM



Accesorios:

Mangas de centrado para carcasa y yugo

| Pistón | 12 | 16 | 20 | 25 | 32 | 40 | 50 | 63 |
|--------------|--|--------|--------|--------|--------|--------|--------|--------|
| Puerto | M5 | | | G1/8 | | | G1/4 | |
| Carrera [mm] | Guía de cojinete liso GF: alta rigidez gracias a las varillas guía de gran diámetro y cuatro casquillos de cojinete liso | | | | | | | |
| 10 | 170824 | 170832 | | | | | | |
| 20 | 170825 | 170833 | 170840 | 170847 | 170854 | | | |
| 25 | 170826 | 170834 | 170841 | 170848 | 170855 | 170864 | 170871 | 170878 |
| 30 | 170827 | 170835 | 170842 | 170849 | 170856 | | | |
| 40 | 170828 | 170836 | 170843 | 170850 | 170857 | | | |
| 50 | 170829 | 170837 | 170844 | 170851 | 170858 | 170865 | 170872 | 170879 |
| 80 | 170830 | 170838 | 170845 | 170852 | 170859 | 170866 | 170873 | 170880 |
| 100 | 170831 | 170839 | 170846 | 170853 | 170860 | 170867 | 170874 | 170881 |
| 125 | | | | | 170861 | 170868 | 170875 | 170882 |
| 160 | | | | | 170862 | 170869 | 170876 | 170883 |
| 200 | | | | | 170863 | 170870 | 170877 | 170884 |
| Carrera [mm] | Guía de rodamiento de bolas recirculantes KF para aplicaciones que implican cargas de torsión | | | | | | | |
| 10 | 170899 | 170907 | | | | | | |
| 20 | 170900 | 170908 | 170915 | 170922 | 170929 | | | |
| 25 | 170901 | 170909 | 170916 | 170923 | 170930 | 170939 | 170946 | 170953 |
| 30 | 170902 | 170910 | 170917 | 170924 | 170931 | | | |
| 40 | 170903 | 170911 | 170918 | 170925 | 170932 | | | |
| 50 | 170904 | 170912 | 170919 | 170926 | 170933 | 170940 | 170947 | 170954 |
| 80 | 170905 | 170913 | 170920 | 170927 | 170934 | 170941 | 170948 | 170955 |
| 100 | 170906 | 170914 | 170921 | 170928 | 170935 | 170942 | 170949 | 170956 |
| 125 | | | | | 170936 | 170943 | 170950 | 170957 |
| 160 | | | | | 170937 | 170944 | 170951 | 170958 |
| 200 | | | | | 170938 | 170945 | 170952 | 170959 |

Nota: Tamaños de pistón también disponibles en diámetros de 80 y 100 mm.



Cilindro redondo estándar americano DPRA

Sellos de pistón y vástago

- El sello de copa en U de Buna-N de baja fricción compensa inherentemente el desgaste para una operación prolongada y sin problemas
- También están disponibles sellos opcionales para altas y bajas temperaturas
- Imán opcional disponible para permitir la indicación de posición

Vástago del pistón

- Vástago de acero inoxidable 303, rectificado, pulido y bruñido con rodillo que proporciona una larga vida útil y resistencia a la corrosión
- Roscas del vástago formadas por laminación en ambos extremos que proporcionan resistencia para las conexiones del cliente, así como para la conexión interna del pistón

Cojinete del vástago

- El cojinete del vástago de bronce sinterizado impregnado en aceite proporciona una excelente resistencia al desgaste y una larga vida útil.



Cabeza y tapa del cilindro

- Cabeza y tapa de aluminio de alta resistencia
- Puertos de flujo completo y ranuras transversales que permiten una respuesta rápida del cilindro y un movimiento suave del vástago
- Cojines de aire ajustables opcionales o toques para amortiguar el impacto en la posición final

Tubo del cilindro

- Barril de acero inoxidable 304 estirado y pulido que permite resistencia a la corrosión y un funcionamiento interno de baja fricción
- El tubo del cuerpo del cilindro y las tapas de los extremos se unen con un engarce doble laminado para una conexión rígida

Grasa de alto rendimiento

- Lubricación interna de por vida con grasa patentada estándar
- Super Lube® es una grasa de grado alimenticio con clasificación NSF-H1

| Montaje en la parte delantera, puerto axial | | Diámetro del pistón | | | | | | | | | |
|---|--------|---------------------|------------------------|---------|---------------------------|---------|------------------------|---------|--------------------------|---------|--------------------|
| | | 3/4" | | 1 1/16" | | 1 1/4" | | 1 1/2" | | 2" | |
| Longitud de carrera [pulgadas] | 1/2" | 8217823 | DPRA-N-3/4"-0.5-NGP4-N | 8217854 | DPRA-N-1 1/16"-0.5-NGP4-N | | | | | | |
| | 1" | 8217824 | DPRA-N-3/4"-1-NGP4-N | 8217838 | DPRA-N-1 1/16"-1-NGP4-N | 8217855 | DPRA-N-1 1/4"-1-NGP4-N | 8217879 | DPRA-N-1 1/2"-1-NGP4-N | 8217891 | DPRA-N-2"-1-NGP4-N |
| | 1 1/2" | 8217826 | DPRA-N-3/4"-1.5-NGP4-N | 8217853 | DPRA-N-1 1/16"-1.5-NGP4-N | | | 8217866 | DPRA-N-1 1/2"-1.5-NGP4-N | | |
| | 2" | 8217827 | DPRA-N-3/4"-2-NGP4-N | 8217845 | DPRA-N-1 1/16"-2-NGP4-N | 8217856 | DPRA-N-1 1/4"-2-NGP4-N | 8217867 | DPRA-N-1 1/2"-2-NGP4-N | 8217880 | DPRA-N-2"-2-NGP4-N |
| | 3" | 8217828 | DPRA-N-3/4"-3-NGP4-N | 8217846 | DPRA-N-1 1/16"-3-NGP4-N | 8217857 | DPRA-N-1 1/4"-3-NGP4-N | 8217868 | DPRA-N-1 1/2"-3-NGP4-N | 8217881 | DPRA-N-2"-3-NGP4-N |
| | 4" | 8217829 | DPRA-N-3/4"-4-NGP4-N | 8217842 | DPRA-N-1 1/16"-4-NGP4-N | 8217858 | DPRA-N-1 1/4"-4-NGP4-N | 8217869 | DPRA-N-1 1/2"-4-NGP4-N | 8217882 | DPRA-N-2"-4-NGP4-N |
| | 5" | | | 8217844 | DPRA-N-1 1/16"-5-NGP4-N | 8217859 | DPRA-N-1 1/4"-5-NGP4-N | 8217870 | DPRA-N-1 1/2"-5-NGP4-N | 8217883 | DPRA-N-2"-5-NGP4-N |
| | 6" | | | | | | | 8217871 | DPRA-N-1 1/2"-6-NGP4-N | 8217884 | DPRA-N-2"-6-NGP4-N |

| Eje trasero | | Diámetro del pistón | | | | | | | | | |
|-----------------------------------|--------|---------------------|----------------------|---------|-------------------------|---------|---------------------|---------|------------------------|---------|------------------|
| | | 3/4" | | 1 1/16" | | 1 1/4" | | 1 1/2" | | 2" | |
| Longitud de la carrera [pulgadas] | 1/2" | 8217830 | DPRA-N-3/4"-0.5-ME-N | 8217839 | DPRA-N-1 1/16"-0.5-ME-N | | | | | | |
| | 1" | 8217825 | DPRA-N-3/4"-1-ME-N | 8217840 | DPRA-N-1 1/16"-1-ME-N | 8217860 | DPRA-N-1 1/4"-1-U-N | 8217872 | DPRA-N-1 1/2"-1-ME-N | 8217885 | DPRA-N-2"-1-UB-N |
| | 1 1/2" | 8217831 | DPRA-N-3/4"-1.5-ME-N | 8217849 | DPRA-N-1 1/16"-1.5-ME-N | | | 8217873 | DPRA-N-1 1/2"-1.5-ME-N | | |
| | 2" | 8217832 | DPRA-N-3/4"-2-ME-N | 8217847 | DPRA-N-1 1/16"-2-ME-N | 8217865 | DPRA-N-1 1/4"-2-U-N | 8217874 | DPRA-N-1 1/2"-2-ME-N | 8217886 | DPRA-N-2"-2-UB-N |
| | 3" | 8217833 | DPRA-N-3/4"-3-ME-N | 8217848 | DPRA-N-1 1/16"-3-ME-N | 8217861 | DPRA-N-1 1/4"-3-U-N | 8217875 | DPRA-N-1 1/2"-3-ME-N | 8217887 | DPRA-N-2"-3-UB-N |
| | 4" | 8217834 | DPRA-N-3/4"-4-ME-N | 8217843 | DPRA-N-1 1/16"-4-ME-N | 8217862 | DPRA-N-1 1/4"-4-U-N | 8217876 | DPRA-N-1 1/2"-4-ME-N | 8217888 | DPRA-N-2"-4-UB-N |
| | 5" | 8217835 | DPRA-N-3/4"-5-ME-N | 8217850 | DPRA-N-1 1/16"-5-ME-N | 8217863 | DPRA-N-1 1/4"-5-U-N | 8217877 | DPRA-N-1 1/2"-5-ME-N | 8217889 | DPRA-N-2"-5-UB-N |
| | 6" | | | 8217852 | DPRA-N-1 1/16"-6-ME-N | 8217864 | DPRA-N-1 1/4"-6-U-N | 8217878 | c DPRA-N-1 1/2"-6-ME-N | 8217890 | DPRA-N-2"-6-UB-N |

| Simple efecto, retorno por resorte | | Diámetro del pistón | | | |
|------------------------------------|----|---------------------|-----------------------|---------|--------------------------|
| | | 3/4" | | 1 1/16" | |
| Montaje de nariz | 1" | 8217836 | DPRA-N-3/4"-1-SNGP4-N | 8217851 | DPRA-N-1 1/16"-1-SNGP4-N |
| Pivote trasero | 1" | 8217837 | DPRA-N-3/4"-1-SME-N | 8217841 | DPRA-N-1 1/16"-1-SME-N |



Cilindros normalizados DSBC, ISO 15552



| | |
|------|--|
| 001 | Tipo |
| DSBC | Cilindro estándar, doble efecto, basado en ISO 15552 |

| | |
|-----|----------------------|
| 004 | Pistón Ø [mm] |
| --- | 32, 40, 50, 63, 80 |

| | |
|-----|--|
| 005 | Carrera [mm] |
| --- | 20, 25, 30, 40, 50, 60, 70, 80, 100, 125, 150, 160, 200, 250, 300, 320, 400, 500 |

| | |
|-----|--|
| 008 | Cushioning |
| PPV | Amortiguación neumática, ajustable en ambos extremos |
| PPS | Amortiguación neumática, autoajustable en ambos extremos |

| | |
|-----|---------------------------------------|
| 009 | Detección de posición |
| A | A través de interruptor de proximidad |

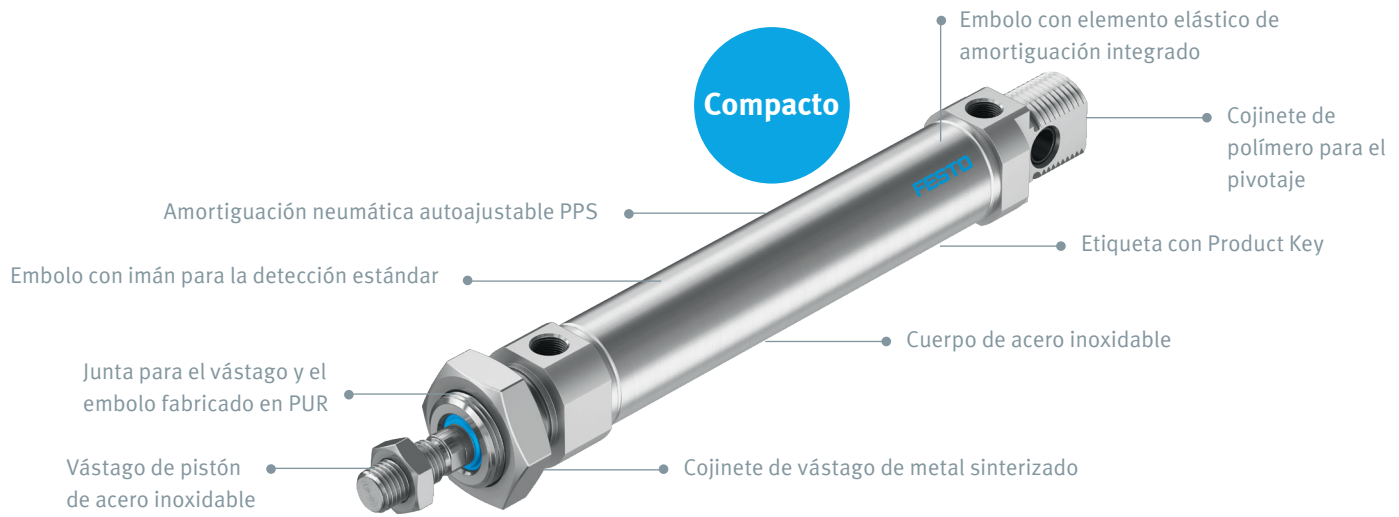
| | |
|-----|-------------------------------|
| 010 | Estándar |
| N3 | Cumple con la norma ISO 15552 |

Pedido – Diseño básico

| 005 Carrera [mm] | 004 Pistón Ø [mm] | | | | | 004 Pistón Ø [mm] | | | | |
|------------------------|---|---------|---------|---------|---------|-------------------|---------|---------|---------|---------|
| | 32 | 40 | 50 | 63 | 80 | 32 | 40 | 50 | 63 | 80 |
| | 008 Amortiguación – 009 Detección de posición – 010 Cumple con la norma ISO 15552 | | | | | | | | | |
| | PPV | | | | | PPS | | | | |
| 20 | 2123069 | 2123166 | 2098969 | 2125490 | 2126594 | 2123085 | 2123780 | 2102628 | 2126684 | 2126636 |
| 25 | 1376422 | 1376656 | 1366948 | 1383578 | 1383333 | 1376467 | 1376903 | 1376301 | 1383632 | 1383366 |
| 30 | 2123070 | 2123167 | 2098970 | 2125491 | 2126595 | 2123086 | 2123781 | 2102629 | 2126685 | 2126637 |
| 40 | 1376423 | 1376657 | 1366949 | 1383579 | 1383334 | 1376468 | 1376904 | 1376304 | 1383633 | 1383367 |
| 50 | 1376424 | 1376658 | 1366950 | 1383580 | 1383335 | 1376469 | 1376905 | 1376305 | 1383634 | 1383368 |
| 60 | 2123071 | 2123224 | 2098972 | 2125492 | 2126597 | 2123087 | 2123782 | 2102630 | 2126686 | 2126638 |
| 70 | 2123072 | 2123225 | 2098973 | 2125493 | 2126598 | 2123088 | 2123783 | 2102631 | 2126687 | 2126639 |
| 80 | 1376425 | 1376659 | 1366951 | 1383581 | 1383336 | 1376470 | 1376906 | 1376306 | 1383635 | 1383369 |
| 100 | 1376426 | 1376660 | 1366952 | 1383582 | 1383337 | 1376471 | 1376907 | 1376307 | 1383636 | 1383370 |
| 125 | 1376427 | 1376661 | 1366953 | 1383583 | 1383338 | 1376472 | 1376908 | 1376308 | 1383637 | 1383371 |
| 150 | 2123073 | 2123226 | 2098974 | 2125494 | 2126599 | 2123089 | 2123784 | 2102632 | 2126688 | 2126640 |
| 160 | 1376428 | 1376662 | 1366954 | 1383584 | 1383339 | 1376473 | 1376909 | 1376309 | 1383638 | 1383372 |
| 200 | 1376429 | 1376663 | 1366955 | 1383585 | 1383340 | 1376474 | 1376910 | 1376310 | 1383639 | 1383373 |
| 250 | 1376430 | 1376664 | 1366956 | 1383586 | 1383341 | 1376475 | 1376911 | 1376311 | 1383640 | 1383374 |
| 300 | 2123074 | 2123227 | 2098975 | 2125495 | 2126600 | 2123090 | 2123785 | 2102633 | 2126689 | 2126641 |
| 320 | 1376431 | 1376665 | 1366957 | 1383587 | 1383342 | 1376476 | 1376912 | 1376312 | 1383641 | 1383375 |
| 400 | 1376432 | 1376666 | 1366958 | 1383588 | 1383343 | 1376477 | 1376913 | 1376313 | 1383642 | 1383376 |
| 500 | 1376433 | 1376667 | 1366959 | 1383589 | 1383344 | 1376478 | 1376914 | 1376314 | 1383643 | 1383377 |



Cilindro redondo - tipo DSNU-ISO



| 003 Carre- ra [mm] | 002 Pistón Ø [mm] | | | | | | | | | | | | | |
|-----------------------------|---------------------------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------|---------|---------|---------|--------|
| | 10 | 12 | 16 | 20 | 25 | 32 | 16 | 20 | 25 | 32 | 16 | 20 | 25 | 32 |
| | Amortiguación - Detección de posición | | | | | | | | | | | | | |
| | P - A | | | | | PPV - A | | | | | PPS - A | | | |
| 10 | 19183 | 19189 | 19198 | 19207 | 19218 | | 1908266 | 1908289 | 1908312 | | 1908274 | 1908297 | 1908320 | |
| 15 | 1908251 | 1908255 | 1908259 | 1908282 | 1908305 | | 1908267 | 1908290 | 1908313 | | 1908275 | 1908298 | 1908321 | |
| 20 | 1908252 | 1908256 | 1908260 | 1908283 | 1908306 | | 1908268 | 1908291 | 1908314 | | 1908276 | 1908299 | 1908322 | |
| 25 | 19184 | 19190 | 19199 | 19208 | 19219 | 195980 | 33973 | 33974 | 33975 | 196020 | 559263 | 559271 | 559282 | 559295 |
| 30 | 1908253 | 1908257 | 1908261 | 1908284 | 1908307 | | 1908269 | 1908292 | 1908315 | | 1908277 | 1908300 | 1908323 | |
| 35 | | | 1908262 | 1908285 | 1908308 | | 1908270 | 1908293 | 1908316 | | 1908278 | 1908301 | 1908324 | |
| 40 | 19185 | 19191 | 19200 | 19209 | 19220 | 195981 | 19229 | 19236 | 19245 | 196021 | 559264 | 559272 | 559283 | 559296 |
| 50 | 19186 | 19192 | 19201 | 19210 | 19221 | 195982 | 19230 | 19237 | 19246 | 196022 | 559265 | 559273 | 559284 | 559297 |
| 60 | 1908254 | 1908258 | 1908263 | 1908286 | 1908309 | | 1908271 | 1908294 | 1908317 | | 1908279 | 1908302 | 1908325 | |
| 70 | | | 1908264 | 1908287 | 1908310 | | 1908272 | 1908295 | 1908318 | | 1908280 | 1908303 | 1908326 | |
| 80 | 19187 | 19193 | 19202 | 19211 | 19222 | 195983 | 19231 | 19238 | 19247 | 196023 | 559266 | 559274 | 559285 | 559298 |
| 100 | 19188 | 19194 | 19203 | 19212 | 19223 | 195984 | 19232 | 19239 | 19248 | 196024 | 559267 | 559275 | 559286 | 559299 |
| 125 | | 19195 | 19204 | 19213 | 19224 | 195985 | 19233 | 19240 | 19249 | 196025 | 559268 | 559276 | 559287 | 559300 |
| 150 | | | 1908265 | 1908288 | 1908311 | | 1908273 | 1908296 | 1908319 | | 1908281 | 1908304 | 1908327 | |
| 160 | | 19196 | 19205 | 19214 | 19225 | 195986 | 19234 | 19241 | 19250 | 196026 | 559269 | 559277 | 559288 | 559301 |
| 200 | | 19197 | 19206 | 19215 | 19226 | 195987 | 19235 | 19242 | 19251 | 196027 | 559270 | 559278 | 559289 | 559302 |
| 250 | | | | 19216 | 19227 | 195988 | | 19243 | 19252 | 196028 | | 559279 | 559290 | 559303 |
| 300 | | | | 19217 | 19228 | | | 19244 | 19253 | | | 559280 | 559291 | |
| 320 | | | | 34718 | 34719 | 195989 | | 34720 | 34721 | 196029 | | 559281 | 559292 | 559304 |
| 400 | | | | | | | | | | | | | 559293 | |
| 500 | | | | | | | | | | | | | 559294 | |

NOTA: También hay disponibles otros tamaños adicionales. Por favor, póngase en contacto con Festo.



Sensor de posición de cilindro de estado sólido - SMT-8M-A (Ranura en T)

Rango de tensión de funcionamiento:

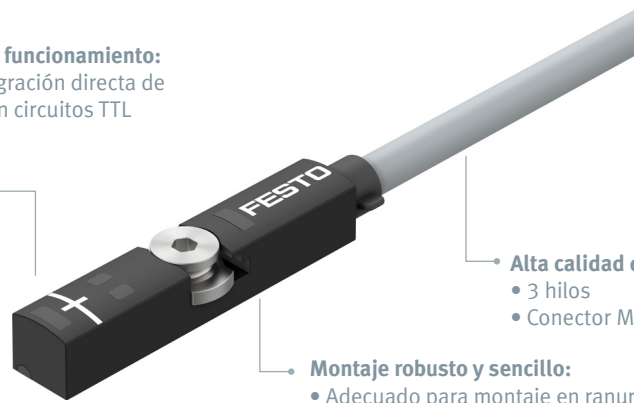
- 5 ... 30 V: para integración directa de la señal de salida en circuitos TTL

2 LED que muestran:

- Indica la posición de instalación segura
- Previene pérdidas permanentes de puntos de conmutación
- Señales de salida de conmutación "ENCENDIDO"

Clases de protección:

- IP65, IP68, IP69K



Salida de conmutación:

- Contacto N/O PNP de 3 hilos
- Contacto N/O NPN de 3 hilos
- Variantes adicionales disponibles, consulte el sitio web de Festo

Alta calidad de cable: cadena de energía y robot

- 3 hilos
- Conector M8, M12 y extremo abierto

Montaje robusto y sencillo:

- Adecuado para montaje en ranura en T
- Tornillo de retención cautivo
- Retenido de forma segura en la ranura

El SMT-8M-A es completamente confiable en combinación con los accionamientos de Festo; han sido armonizados perfectamente y son fáciles y seguros de instalar.

| Número de parte | Tipo | Descripción |
|-----------------|---------------------------|--|
| 574334 | SMT-8M-A-PS-24V-E-0,3-M8D | PNP N/A, cable de 30 cm, conector M8 de 3 pines |
| 574335 | SMT-8M-A-PS-24V-E-2,5-OE | PNP N/A, cable de 2.5 m, 3 hilos con extremo abierto |
| 574336 | SMT-8M-A-PS-24V-E-5,0-OE | PNP N/A, cable de 5.0 m, 3 hilos con extremo abierto |
| 574337 | SMT-8M-A-PS-24V-E-0,3-M12 | PNP N/A, cable de 30 cm, conector M12 de 3 pines |
| 574338 | SMT-8M-A-NS-24V-E-2,5-OE | NPN N/A, cable de 2.5 m, 3 hilos con extremo abierto |
| 574339 | SMT-8M-A-NS-24V-E-0,3-M8D | NPN N/A, cable de 30 cm, conector M8 de 3 pines |

Sensor de posición de cilindro de estado sólido - SMT-10M (Ranura en C)

Rango de tensión de funcionamiento:

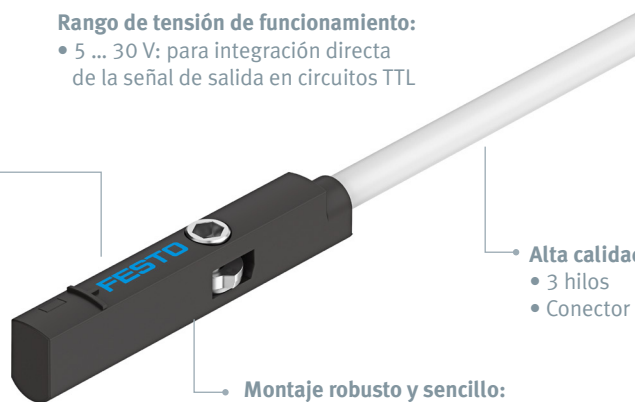
- 5 ... 30 V: para integración directa de la señal de salida en circuitos TTL

Pantalla LED que muestra:

- Indica la posición de instalación
- Señales de salida de conmutación "ENCENDIDO"

Clases de protección:

- IP65, IP68



Salida de conmutación:

- Contacto N/O PNP de 3 hilos
- Contacto N/O NPN de 3 hilos
- Variantes adicionales disponibles, consulte el sitio web de Festo

Alta calidad de cable: cadenas de arrastre y robot

- 3 hilos
- Conector M8 y extremo abierto

Montaje robusto y sencillo:

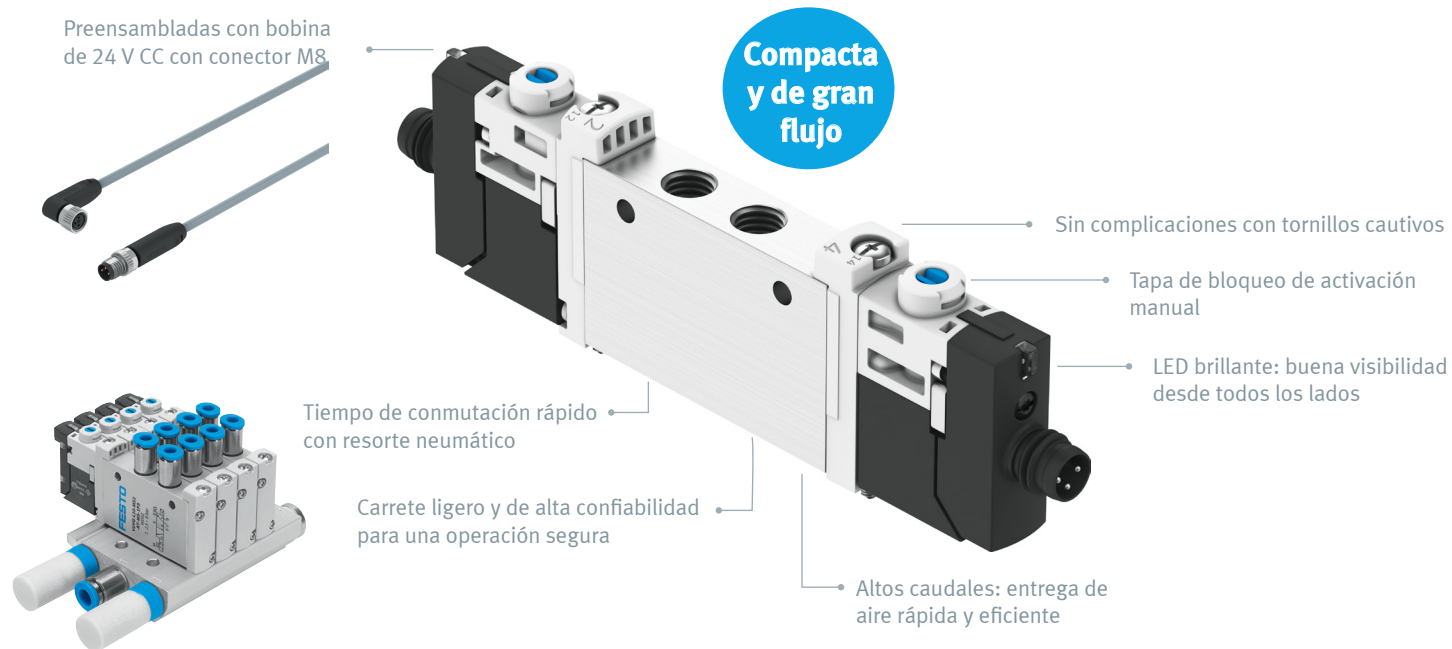
- Adecuado para montaje en ranura en C
- Tornillo de retención cautivo
- Retenido de forma segura en la ranura
- Disponible tanto en posición de cable longitudinal como transversal

SMT-10M es completamente confiable en combinación con los actuadores Festo; han sido armonizados perfectamente y son fáciles y seguros de instalar.

| Número de parte | Tipo | Descripción |
|-----------------|----------------------------|--|
| 551373 | SMT-10M-PS-24V-E-2,5-L-OE | PNP N/A, cable de 2.5 m, 3 hilos con extremo abierto (posición longitudinal del cable) |
| 551375 | SMT-10M-PS-24V-E-0,3-L-M8D | PNP N/A, cable de 30 cm, conector M8 de 3 pines (posición longitudinal del cable) |
| 551376 | SMT-10M-PS-24V-E-0,3-Q-M8D | PNP N/A, cable de 30 cm, conector M8 de 3 pines (posición transversal del cable) |
| 551377 | SMT-10M-NS-24V-E-2,5-L-OE | NPN N/A, cable de 2.5 m, 3 hilos con extremo abierto (posición longitudinal del cable) |
| 551379 | SMT-10M-NS-24V-E-0,3-L-M8D | NPN N/A, cable de 30 cm, conector M8 de 3 pines (posición longitudinal del cable) |



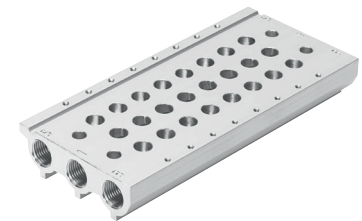
Válvulas compactas - VUVG-L/B [24 V CC]



Con conector eléctrico tipo R8 (M8, 3 pines)

| Tamaño de conexión | Ancho [mm] | Número de parte | Descripción | Caudal | Número de parte | Descripción | Caudal |
|--|------------|-----------------|---------------------------|--|-----------------|--------------------------|------------|
| Válvulas en línea - L | | | | Válvulas de subbase - B (Conexión neumática directa al block) | | | |
| 5/2-vías con bobina solenoide, solenoide simple, resorte mecánico, 24 V CC | | | | | | | |
| M5 | 10 | 8031472 | VUVG-L10-M52-MT-M5-1R8L | 190 l/min | 578157 | VUVG-B10-M52-MZT-F-1R8L | 210 l/min |
| G1/8 | 14 | 8031508 | VUVG-L14-M52-MT-G18-1R8L | 780 l/min | 578158 | VUVG-B14-M52-MZT-F-1R8L | 520 l/min |
| G1/4 | 18 | 8031532 | VUVG-L18-M52-MT-G14-1R8L | 1300 l/min | 8031544 | VUVG-B18-M52-MZT-F-1R8L | 1000 l/min |
| 5/2-vías con bobina solenoide, solenoide simple, resorte neumático mixto, 24 V CC | | | | | | | |
| M5 | 10 | 572634 | VUVG-L10-M52-RT-M5-1R8L | 220 l/min | 574237 | VUVG-B10-M52-RZT-F-1R8L | 210 l/min |
| G1/8 | 14 | 574229 | VUVG-L14-M52-AT-G18-1R8L | 780 l/min | 574245 | VUVG-B14-M52-AZT-F-1R8L | 520 l/min |
| G1/4 | 18 | 8031531 | VUVG-L18-M52-RT-G14-1R8L | 1300 l/min | 8031543 | VUVG-B18-M52-RZT-F-1R8L | 1000 l/min |
| 5/2-vías con bobina solenoide doble solenoide, 24 V CC | | | | | | | |
| M5 | 10 | 576664 | VUVG-L10-B52-T-M5-1R8L | 220 l/min | 574238 | VUVG-B10-B52-ZT-F-1R8L | 210 l/min |
| G1/8 | 14 | 574230 | VUVG-L14-B52-T-G18-1R8L | 700 l/min | 574246 | VUVG-B14-B52-ZT-F-1R8L | 570 l/min |
| G1/4 | 18 | 8031533 | VUVG-L18-B52-T-G14-1R8L | 1370 l/min | 8031545 | VUVG-B18-B52-ZT-F-1R8L | 1000 l/min |
| 2 x 3/2-vías con bobina solenoide, bloqueada, resorte mecánico, 24 V CC | | | | | | | |
| M5 | 10 | 8031468 | VUVG-L10-T32C-MT-M5-1R8L | 135 l/min | 8031492 | VUVG-B10-T32C-MZT-F-1R8L | 130 l/min |
| G1/8 | 14 | 8031504 | VUVG-L14-T32C-MT-G18-1R8L | 550 l/min | 578248 | VUVG-B14-T32C-MZT-F-1R8L | 430 l/min |
| G1/4 | 18 | 8031528 | VUVG-L18-T32C-MT-G14-1R8L | 870 l/min | 8031540 | VUVG-B18-T32C-MZT-F-1R8L | 800 l/min |
| 2 x 3/2-vías con bobina solenoide, bloqueada, resorte neumático mixto, 24 V CC | | | | | | | |
| M5 | 10 | 577347 | VUVG-L10-T32C-AT-M5-1R8L | 150 l/min | 574234 | VUVG-B10-T32C-AZT-F-1R8L | 150 l/min |
| G1/8 | 14 | 574226 | VUVG-L14-T32C-AT-G18-1R8L | 560 l/min | 574242 | VUVG-B14-T32C-AZT-F-1R8L | 510 l/min |
| G1/4 | 18 | 8031525 | VUVG-L18-T32C-AT-G14-1R8L | 880 l/min | 8031537 | VUVG-B18-T32C-AZT-F-1R8L | 800 l/min |

| Tamaño de conexión | Ancho [mm] | Número de parte | Descripción | Caudal | Número de parte | Descripción | Caudal |
|--|--|-----------------|--------------------------|------------|---|-------------------------|-----------|
| Válvulas en línea - L | | | | | Válvulas de subbase - B (conexión mediante colector de suministro) | | |
| 5/3 vías con bobina solenoide, bloqueada, 24V CC | | | | | | | |
| M5 | 10 | 577346 | VUVG-L10-P53C-T-M5-1R8L | 210 l/min | 574239 | VUVG-B10-P53C-ZT-F-1R8L | 200 l/min |
| G1/8 | 14 | 574231 | VUVG-L14-P53C-T-G18-1R8L | 650 l/min | 574247 | VUVG-B14-P53C-ZT-F-1R8L | 520 l/min |
| G1/4 | 18 | 8031534 | VUVG-L18-P53C-T-G14-1R8L | 1200 l/min | 8031546 | VUVG-B18-P53C-ZT-F-1R8L | 950 l/min |
| 5/3 vías con bobina solenoide, escape, 24 V CC | | | | | | | |
| M5 | 10 | 8031475 | VUVG-L10-P53E-T-M5-1R8L | 210 l/min | 574241 | VUVG-B10-P53E-ZT-F-1R8L | 200 l/min |
| G1/8 | 14 | 574233 | VUVG-L14-P53E-T-G18-1R8L | 560 l/min | 574249 | VUVG-B14-P53E-ZT-F-1R8L | 460 l/min |
| G1/4 | 18 | 8031536 | VUVG-L18-P53U-T-G14-1R8L | 1050 l/min | 8031547 | VUVG-B18-P53E-ZT-F-1R8L | 950 l/min |
| 5/3 vías con bobina solenoide, presurizada, 24 V CC | | | | | | | |
| M5 | 10 | 8031476 | VUVG-L10-P53U-T-M5-1R8L | 210 l/min | 574240 | VUVG-B10-P53U-ZT-F-1R8L | 200 l/min |
| G1/8 | 14 | 574232 | VUVG-L14-P53U-T-G18-1R8L | 560 l/min | 574248 | VUVG-B14-P53U-ZT-F-1R8L | 500 l/min |
| G1/4 | 18 | 8031535 | VUVG-L18-P53E-T-G14-1R8L | 1000 l/min | 8031548 | VUVG-B18-P53U-ZT-F-1R8L | 950 l/min |
| Conexiones eléctricas | | | | | | | |
| R8 | M8, 3 pines, extremo abierto, longitud de 2.5 m, recto | | 8078223 | | | NEBA-M8G3-U-2.5-N-LE3 | |
| R8 | M8, 3 pines, extremo abierto, longitud de 2.5 m, en ángulo | | 8078223 | | | NEBA-M8W3-U-2.5-N-LE3 | |



Accesorios:

Configuración de montaje en block, utilizar el número de parte 572230 VTUG-S

| Válvula | Número de parte | Descripción | Estaciones de colector | Número de parte | Descripción | Estaciones de colector | | |
|---------------------------------|-----------------|------------------|------------------------|------------------------------|-------------|------------------------|-------------------|---|
| Accesorios semi en línea | | | | Accesorios de subbase | | | | |
| 10 | 566558 | Riel de colector | VABM-L1-10S-G18-2 | 2 | 566582 | Riel de colector | VABM-L1-10W-G18-2 | 2 |
| 10 | 566560 | Riel de colector | VABM-L1-10S-G18-4 | 4 | 566584 | Riel de colector | VABM-L1-10W-G18-4 | 4 |
| 10 | 566562 | Riel de colector | VABM-L1-10S-G18-6 | 6 | 566586 | Riel de colector | VABM-L1-10W-G18-6 | 6 |
| 10 | 566564 | Riel de colector | VABM-L1-10S-G18-8 | 8 | 566588 | Riel de colector | VABM-L1-10W-G18-8 | 8 |
| 14 | 566618 | Riel de colector | VABM-L1-14S-G14-2 | 2 | 566642 | Riel de colector | VABM-L1-14W-G14-2 | 2 |
| 14 | 566620 | Riel de colector | VABM-L1-14S-G14-4 | 4 | 566644 | Riel de colector | VABM-L1-14W-G14-4 | 4 |
| 14 | 566622 | Riel de colector | VABM-L1-14S-G14-6 | 6 | 566646 | Riel de colector | VABM-L1-14W-G14-6 | 6 |
| 14 | 566624 | Riel de colector | VABM-L1-14S-G14-8 | 8 | 566648 | Riel de colector | VABM-L1-14W-G14-8 | 8 |
| 18 | 574455 | Riel de colector | VABM-L1-18S-G38-2 | 2 | 574467 | Riel de colector | VABM-L1-18W-G38-2 | 2 |
| 18 | 574457 | Riel de colector | VABM-L1-18S-G38-4 | 4 | 574469 | Riel de colector | VABM-L1-18W-G38-4 | 4 |
| 18 | 574459 | Riel de colector | VABM-L1-18S-G38-6 | 6 | 574471 | Riel de colector | VABM-L1-18W-G38-6 | 6 |
| 18 | 574461 | Riel de colector | VABM-L1-18S-G38-8 | 8 | 574473 | Riel de colector | VABM-L1-18W-G38-8 | 8 |
| 10 | 566672 | Sello | VABD-L1-10X-S-M5 | - | 566674 | Sello | VABD-L1-10B-S-M7 | - |
| 14 | 566675 | Sello | VABD-L1-14X-S-G18 | - | 566676 | Sello | VABD-L1-14B-S-G18 | - |
| 18 | 574479 | Sello | VABD-L1-18X-S-G14 | - | 574480 | Sello | VABD-L1-18B-S-G14 | - |



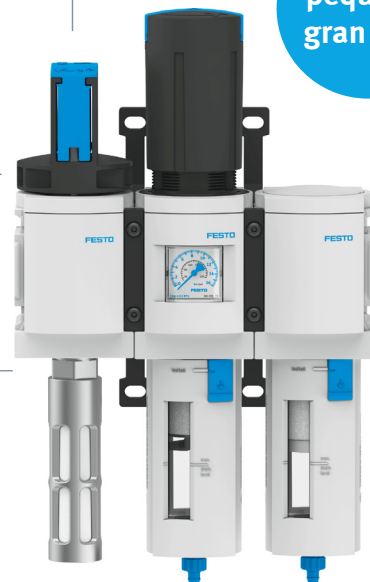
Preparación de aire - Serie MS



Bloqueo integrado para bloquear, etiquetar y evitar la manipulación del ajuste de presión

Adecuado para aplicaciones estándar, así como para aplicaciones con requisitos de alta calidad de aire

Disponibles en stock como componentes individuales o combinaciones premontadas





Tamaño pequeño, gran flujo


Equipado con un nuevo diseño de purga de condensado de mayor fiabilidad y rendimiento


Incorpore las válvulas de seguridad MS6-SV para un desfogue rápido y confiable de los sistemas hasta el nivel de rendimiento d o e, certificado según EN ISO 13849-1






| Regulador LR | | | | | | | |
|---|---|------------------|----------------------|----------|--------------|-----------------|-------------------|
| Tamaño | Material de la carcasa | Conexión roscada | Escala del manómetro | Peso [g] | Caudal [l/m] | Número de parte | Tipo |
|  MS4 | LR regulador, rango de regulación 0.3 ... 4.0 Bar | | | | | | |
| | Metal | G1/4 | bar/psi | 225 | 2100 | 529415 | MS4-LR-1/4-D5-AS |
| | | 1/4 NPT | | | | 531418 | MS4N-LR-1/4-D5-AS |
| | LR regulador, rango de regulación 0.3 ... 7 bar | | | | | | |
| | Metal | G1/4 | bar/psi | 225 | 1800 | 529417 | MS4-LR-1/4-D6-AS |
| | | 1/4 NPT | | | | 531422 | MS4N-LR-1/4-D6-AS |
| | LR regulador, rango de regulación 0.5 ... 10.0 Bar | | | | | | |
| | Metal | G1/4 | bar/psi | 225 | 1700 | 529419 | MS4-LR-1/4-D7-AS |
| | | 1/4 NPT | | | | 531426 | MS4N-LR-1/4-D7-AS |
|  MS6 | LR regulador, rango de regulación 0.3 ... 4.0 Bar | | | | | | |
| | Metal | G1/2 | bar/psi | 730 | 7500 | 529989 | MS6-LR-1/2-D5-AS |
| | | 1/2 NPT | | | | 531443 | MS6N-LR-1/2-D5-AS |
| | LR regulador, rango de regulación 0.3 ... 7.0 Bar | | | | | | |
| | Metal | G1/2 | bar/psi | 730 | 6500 | 529991 | MS6-LR-1/2-D6-AS |
| | | 1/2 NPT | | | | 531449 | MS6N-LR-1/2-D6-AS |
| | LR regulador, rango de regulación 0.5 ... 10.0 Bar | | | | | | |
| | Metal | G1/2 | bar/psi | 730 | 5500 | 529993 | MS6-LR-1/2-D7-AS |
| | | 1/2 NPT | | | | 531455 | MS6N-LR-1/2-D7-AS |







| LFR-Filtro/Regulador | | | | | | | | | | |
|---|--|------------------|--------------------------|----------------------|-----------------------|----------|--------------|------------------------|------------------------|-----------------------|
| Tamaño | Material de la carcasa | Conexión roscada | Nivel de filtración [µm] | Escala del manómetro | Drenaje de condensado | Peso [g] | Caudal [l/m] | Número de parte | Tipo | |
|  | Regulador LFR, rango de regulación 0.3 ... 7 bar | | | | | | | | | |
| | Metal | G1/4 | 5 | bar/psi | Manual | 275 | 1500 | 529144 | MS4-LFR-1/4-D6-CRM-AS | |
| | | | | | Auto | | | 529146 | MS4-LFR-1/4-D6-CRV-AS | |
| | | | Manual | | 1700 | | | 529148 | MS4-LFR-1/4-D6-ERM-AS | |
| | | | Auto | | | | | 529150 | MS4-LFR-1/4-D6-ERV-AS | |
| | | 1/4 NPT | 5 | | Manual | 275 | 1500 | 531229 | MS4N-LFR-1/4-D6-CRM-AS | |
| | | | | | Auto | | | 531233 | MS4N-LFR-1/4-D6-CRV-AS | |
| | | | 40 | | Manual | | 1700 | 531221 | MS4N-LFR-1/4-D6-ERM-AS | |
| | | | | | Auto | | | 531225 | MS4N-LFR-1/4-D6-ERV-AS | |
| | Regulador LFR, rango de regulación 0.5 ... 10.0 bar | | | | | | | | | |
| | Metal | G1/4 | 5 | bar/psi | Manual | 275 | | 1200 | 529152 | MS4-LFR-1/4-D7-CRM-AS |
| | | | | | Auto | | 529154 | | MS4-LFR-1/4-D7-CRV-AS | |
| | | | Manual | | 1500 | | 529156 | | MS4-LFR-1/4-D7-ERM-AS | |
| | | | Auto | | | | 529158 | | MS4-LFR-1/4-D7-ERV-AS | |
| 1/4 NPT | | 5 | Manual | | 275 | 1200 | 531213 | MS4N-LFR-1/4-D7-CRM-AS | | |
| | | | Auto | | | | 531217 | MS4N-LFR-1/4-D7-CRV-AS | | |
| | | 40 | Manual | | | 1500 | 531205 | MS4N-LFR-1/4-D7-ERM-AS | | |
| | | | Auto | | | | 531209 | MS4N-LFR-1/4-D7-ERV-AS | | |



| LFR-Filtro/Regulador | | | | | | | | | | |
|---|--|------------------|--------------------------|----------------------|-----------------------|----------|--------------|------------------------|------------------------|-----------------------|
| Tamaño | Material de la carcasa | Conexión roscada | Nivel de filtración [µm] | Escala del manómetro | Drenaje de condensado | Peso [g] | Caudal [l/m] | Número de parte | Tipo | |
|  | Regulador LFR, rango de regulación 0.3 ... 7.0 bar | | | | | | | | | |
| | Metal | G1/2 | 5 | bar/psi | Manual | 875 | 5600 | 529176 | MS6-LFR-1/2-D6-CRM-AS | |
| | | | | | Auto | | | 529178 | MS6-LFR-1/2-D6-CRV-AS | |
| | | | Manual | | 6200 | | | 529180 | MS6-LFR-1/2-D6-ERM-AS | |
| | | | Auto | | | | | 529182 | MS6-LFR-1/2-D6-ERV-AS | |
| | | 1/2 NPT | 5 | | Manual | 875 | 5600 | 531306 | MS6N-LFR-1/2-D6-CRM-AS | |
| | | | | | Auto | | | 531312 | MS6N-LFR-1/2-D6-CRV-AS | |
| | | | 40 | | Manual | | 6200 | 531300 | MS6N-LFR-1/2-D6-ERV-AS | |
| | | | | | Auto | | | 531294 | MS6N-LFR-1/2-D6-ERM-AS | |
| | Regulador LFR, rango de regulación 0.5 ... 10.0 bar | | | | | | | | | |
| | Metal | G1/2 | 5 | bar/psi | Manual | 875 | | 4000 | 529184 | MS6-LFR-1/2-D7-CRM-AS |
| | | | | | Auto | | 529186 | | MS6-LFR-1/2-D7-CRV-AS | |
| | | | Manual | | 4500 | | 529188 | | MS6-LFR-1/2-D7-ERM-AS | |
| | | | Auto | | | | 529190 | | MS6-LFR-1/2-D7-ERV-AS | |
| 1/2 NPT | | 5 | Manual | | 875 | 4000 | 531282 | MS6N-LFR-1/2-D7-CRM-AS | | |
| | | | Auto | | | | 531288 | MS6N-LFR-1/2-D7-CRV-AS | | |
| | | 40 | Manual | | | 4500 | 531270 | MS6N-LFR-1/2-D7-ERM-AS | | |
| | | | Auto | | | | 531276 | MS6N-LFR-1/2-D7-ERV-AS | | |



| LWS - Separador de agua | | | | | | | |
|---|------------------------|------------------|-----------------------|----------|--------------|-----------------|------------------|
| Tamaño | Material de la carcasa | Conexión roscada | Drenaje de condensado | Peso [g] | Caudal [l/m] | Número de parte | Tipo |
|  | Metal | G1/2 | Auto | 820 | 3800 | 529679 | MS6-LWS-1/2-U-V |
| | | 1/2 NPT | | | | 564873 | MS6N-LWS-1/2-U-V |


| LF-Filtro | | | | | | | | | |
|--|------------------------|------------------|--------------------------|-----------------------|----------|--------------|-----------------|-----------------|-----------------|
| Tamaño | Material de la carcasa | Conexión roscada | Nivel de filtración [µm] | Drenaje de condensado | Peso [g] | Caudal [l/m] | Número de parte | Tipo | |
|  MS4 | Metal | G1/4 | 5 | Manual | 189 | 1300 | 529395 | MS4-LF-1/4-CRM | |
| | | | | Auto | | | 529397 | MS4-LF-1/4-CRV | |
| | | | 40 | Manual | | | 529399 | MS4-LF-1/4-ERM | |
| | | | | Auto | | | 529401 | MS4-LF-1/4-ERV | |
| | | 1/4 NPT | 5 | Manual | | 1300 | 531489 | MS4N-LF-1/4-CRM | |
| | | | | Auto | | | 531493 | MS4N-LF-1/4-CRV | |
| | | | 40 | Manual | | | 1700 | 531485 | MS4N-LF-1/4-ERM |
| | | | | Auto | | | | 531481 | MS4N-LF-1/4-ERV |
|  MS6 | Metal | G1/2 | 5 | Manual | 500 | 3200 | | 529607 | MS6-LF-1/2-CRM |
| | | | | Auto | | | | 529609 | MS6-LF-1/2-CRV |
| | | | 40 | Manual | | | 4100 | 529615 | MS6-LF-1/2-ERM |
| | | | | Auto | | | | 529617 | MS6-LF-1/2-ERV |
| | | 1/2 NPT | 5 | Manual | | 3200 | | 531526 | MS6N-LF-1/2-CRM |
| | | | | Auto | | | | 531532 | MS6N-LF-1/2-CRV |
| | | | 40 | Manual | | | 4100 | 531520 | MS6N-LF-1/2-ERM |
| | | | | Auto | | | | 531514 | MS6N-LF-1/2-ERV |


| LFM-Filtro | | | | | | | | | | | |
|--|------------------------|------------------|--------------------------|-----------------------|----------|--------------|-----------------|------------------|--------|-----------------|------------------|
| Tamaño | Material de la carcasa | Conexión roscada | Nivel de filtración [µm] | Drenaje de condensado | Peso [g] | Caudal [l/m] | Número de parte | Tipo | | | |
|  MS4 | Metal | G1/4 | 1 | Manual | 190 | 360 | 529461 | MS4-LFM-1/4-BRM | | | |
| | | | 0.01 | | | | 529459 | MS4-LFM-1/4-ARM | | | |
| | | 1/4 NPT | 1 | | | | 531810 | MS4N-LFM-1/4-BRM | | | |
| | | | 0.01 | | | | 531812 | MS4N-LFM-1/4-ARM | | | |
|  MS6 | | G1/2 | 1 | | | | 600 | 950 | 529659 | MS6-LFM-1/2-BRM | |
| | | | 0.01 | | | | | 900 | 529655 | MS6-LFM-1/2-ARM | |
| | | | 1/2 NPT | | | | | 1 | 950 | 531849 | MS6N-LFM-1/2-BRM |
| | | | | | | | | 0.01 | 900 | 531861 | MS6N-LFM-1/2-ARM |

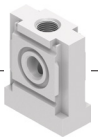
| LFX - Filtro de carbon activado | | | | | | | | |
|--|------------------------|------------------|--------------------------|-----------------------|----------|--------------|-----------------|----------------|
| Tamaño | Material de la carcasa | Conexión roscada | Nivel de filtración [µm] | Drenaje de condensado | Peso [g] | Caudal [l/m] | Número de parte | Tipo |
|  MS4 | Metal | G1/4 | Active carbon | Manual | 190 | 360 | 529467 | MS4-LFX-1/4-R |
| | | 1/4 NPT | | | | | 531764 | MS4N-LFX-1/4-R |
|  MS6 | | G1/2 | | | | | 529679 | MS6-LFX-1/2-R |
| | | 1/2 NPT | | | | | 531921 | MS6N-LFX-1/2-R |

| EM1 - Válvula de cierre manual | | | | | | | | |
|--|------------------------|------------------|-----------------|----------|--------------|-----------------|----------------|----------------|
| Tamaño | Material de la carcasa | Conexión roscada | Con silenciador | Peso [g] | Caudal [l/m] | Número de parte | Tipo | |
|  MS4 | Metal | G1/4 | Sí | 210 | 2200 | 541259 | MS4-EM1-1/4-S | |
| | | | No | 190 | | 541258 | MS4-EM1-1/4 | |
| | | 1/4 NPT | Sí | 210 | | 541281 | MS4N-EM1-1/4-S | |
| | | | No | 190 | | 541280 | MS4N-EM1-1/4 | |
|  MS6 | | G1/2 | Sí | 655 | | 8700 | 541268 | MS6-EM1-1/2-S |
| | | | No | 580 | | | 541267 | MS6-EM1-1/2 |
| | | 1/2 NPT | Sí | 655 | | | 541290 | MS6N-EM1-1/2-S |
| | | | No | 580 | | | 541289 | MS6N-EM1-1/2 |

| EE - Válvula de cierre eléctrica | | | | | | | | | |
|---|------------------------|------------------|---------|-----------------|----------|--------------|-----------------|---------------------|--|
| Tamaño | Material de la carcasa | Conexión roscada | Voltaje | Con silenciador | Peso [g] | Caudal [l/m] | Número de parte | Tipo | |
|  MS4 | Metal | G1/4 | 10V24 | Sí | 289 | 2000 | 542598 | MS4-EE-1/4-10V24-S | |
| | | | | No | 273 | | 542578 | MS4-EE-1/4-10V24 | |
| | | 1/4 NPT | | Sí | 289 | | 542608 | MS4N-EE-1/4-10V24-S | |
| | | | | No | 273 | | 542588 | MS4N-EE-1/4-10V24 | |
|  MS6 | | G1/2 | | 7000 | Sí | 816 | 542602 | MS6-EE-1/2-10V24-S | |
| | | | | | No | 740 | 542582 | MS6-EE-1/2-10V24 | |
| | | 1/2 NPT | | | Sí | 816 | 542612 | MS6N-EE-1/2-10V24-S | |
| | | | | | No | 740 | 542593 | MS6N-EE-1/2-10V24 | |

| DL - Arranque progresivo - accionamiento neumático | | | | | | | |
|---|------------------------|------------------|----------|--------------|-----------------|-------------|--|
| Tamaño | Material de la carcasa | Conexión roscada | Peso [g] | Caudal [l/m] | Número de parte | Tipo | |
|  MS4 | Metal | G1/4 | 213 | 2000 | 529531 | MS4-DL-1/4 | |
| | | 1/4 NPT | | | 531991 | MS4N-DL-1/4 | |
| MS6 | | G1/2 | 650 | 6450 | 529817 | MS6-DL-1/2 | |
| | | 1/2 NPT | | | 532024 | MS6N-DL-1/2 | |

| FRM - Bloque distribuidor | | | | | | | | |
|--|------------------------|------------------|-------------------------|-----------------------|----------|--------------|-----------------|--------------|
| Tamaño | Material de la carcasa | Conexión roscada | Tamaño puerto de salida | Ancho del cuerpo [mm] | Peso [g] | Caudal [l/m] | Número de parte | Tipo |
|  MS4 | Metal | G1/4 | G1/4 | 40 | 165 | 500 - 4600 | 529555 | MS4-FRM-1/4 |
| | | 1/4 NPT | 1/4 NPT | | | | 531949 | MS4N-FRM-1/4 |
| MS6 | | G1/2 | G1/2 | 62 | 458 | 4400 - 14700 | 529853 | MS6-FRM-1/2 |
| | | 1/2 NPT | 1/2 NPT | | | | 531966 | MS6N-FRM-1/2 |

| FRM - FRZ - Bloque distribuidor | | | | | | | | |
|---|------------------------|------------------|-------------------------|-----------------------|----------|--------------|-----------------|--------------|
| Tamaño | Material de la carcasa | Conexión roscada | Tamaño puerto de salida | Ancho del cuerpo [mm] | Peso [g] | Caudal [l/m] | Número de parte | Tipo |
|  MS4 | Metal | G1/4 | G1/4 | 20 | 60 | 4050 | 549336 | MS4-FRM-FRZ |
| | | 1/4 NPT | 1/4 NPT | | | | 554101 | MS4N-FRM-FRZ |
| MS6 | | G1/2 | G1/2 | 31 | 163 | 14600 | 549337 | MS6-FRM-FRZ |
| | | 1/2 NPT | 1/2 NPT | | | | 554102 | MS6N-FRM-FRZ |

| SV - Válvulas de seguridad | | | | | | | | | | |
|---|------------------------|--------|----------------------|---------|-------------------|----------------------------|----------|--------------|--------------------------------|------------------------------|
| Tamaño | Material de la carcasa | Puerto | Nivel de rendimiento | Voltaje | Sensor connection | Con silenciador | Peso [g] | Caudal [l/m] | Número de parte | Descripción |
|  | Metal | G1/2 | C | 10V24 | n/a | Sí | 1006 | 5700 | 8001469 | MS6-SV-1/2-C-10V24-S |
| | | | | 10V24 | M8 | Sí | 2110 | | 8038490 | MS6-SV-1/2-D-10V24-2M8-SO-AG |
| | | | D | 10V24P | M12 | Sí | | 8038491 | MS6-SV-1/2-D-10V24P-2M12-SO-AG | |
| | | | | E | 10V24 | MPx (ordenar por separado) | Sí | 2200 | 548717 | MS6-SV-1/2-E-10V24-SO-AG |
| | | | No | | | | 548715 | | MS6-SV-1/2-E-10V24-AG | |



Racores y conectores push-in estándar QB en pulgadas e híbridos

Modelos estándar

UNF 10-32
NPT 1/8, 1/4, 3/8, 1/2

Modelos híbridos métricos

Métricos M3, M4, M5
ISO-R 1/8, 1/4, 3/8, 1/2

Cuerpo de PBT de alta resistencia con rosca niquelada

Anillo de liberación POM para una liberación rápida y fácil del tubo

Sellador de roscas de PTFE para una conexión sin fugas

Conexiones para tubo en pulgadas 1/8, 5/32, 1/4, 5/16, 3/8, 1/2 para modelos estándar e híbridos

QB estándar, mini - racores push-in (pulgadas)

| Racor push-in (hexagonal externo) | | | | | |
|-----------------------------------|------------|-----------|---------|-----------------|----------------------|
| | D1 (Rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 10-32 UNF | 1/8 | 10 | 533266 | QBM-10-32-UNF-1/8-U |
| | 10-32 UNF | 5/32 | 10 | 572303 | QBM-10-32-UNF-5/32-U |
| | 10-32 UNF | 1/4 | 10 | 573050 | QBM-10-32-UNF-1/4-U |
| | 1/8 NPT | 1/8 | 10 | 533270 | QBM-1/8-1/8-U |
| | 1/8 NPT | 5/32 | 10 | 572305 | QBM-1/8-5/32-U |
| | 1/8 NPT | 1/4 | 10 | 573051 | QBM-1/8-1/4-U |
| | 1/4 NPT | 1/8 | 10 | 572306 | QBM-1/4-1/8-U |
| | 1/4 NPT | 1/4 | 10 | 573052 | QBM-1/4-1/4-U |

| Racor push-in (con hexagonal interno) | | | | | |
|---------------------------------------|------------|-----------|---------|-----------------|------------------------|
| | D1 (Rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 10-32 UNF | 1/8 | 10 | 572311 | QBM-10-32-UNF-1/8-I-U |
| | 10-32 UNF | 5/32 | 10 | 572312 | QBM-10-32-UNF-5/32-I-U |
| | 10-32 UNF | 1/4 | 10 | 573054 | QBM-10-32-UNF-1/4-I-U |
| | 1/8 NPT | 1/4 | 10 | 573055 | QBM-1/8-1/4-I-U |

| Racor en T push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|----------------------|
| | D1 (Rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 10-32 UNF | 1/8 | 10 | 533304 | QBMT-10-32-UNF-1/8-U |
| | 1/8 NPT | 1/8 | 10 | 533308 | QBMT-1/8-1/8-U |

| Racor en L push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|-----------------------|
| | D1 (Rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 10-32 UNF | 1/8 | 10 | 533285 | QBML-10-32-UNF-1/8-U |
| | 10-32 UNF | 5/32 | 10 | 572308 | QBML-10-32-UNF-5/32-U |
| | 10-32 UNF | 1/4 | 10 | 573059 | QBML-10-32-UNF-1/4-U |
| | 1/4 NPT | 1/8 | 10 | 572310 | QBML-1/4-1/8-U |
| | 1/4 NPT | 1/4 | 10 | 573061 | QBML-1/4-1/4-U |
| | 1/8 NPT | 1/8 | 10 | 533289 | QBML-1/8-1/8-U |
| | 1/8 NPT | 1/4 | 10 | 573060 | QBML-1/8-1/4-U |



QB estándar - racores push-in (pulgadas)

| Racor push-in (hexagonal externo) | | | | | |
|-----------------------------------|------------|-----------|---------|-----------------|---------------------|
| | D1 (Rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 10-32 UNF | 5/32 | 10 | 533267 | QB-10-32-UNF-5/32-U |
| | 10-32 UNF | 1/4 | 10 | 533269 | QB-10-32-UNF-1/4-U |
| | 1/8 NPT | 5/32 | 10 | 533271 | QB-1/8-5/32-U |
| | 1/8 NPT | 1/4 | 10 | 533273 | QB-1/8-1/4-U |
| | 1/8 NPT | 5/16 | 10 | 533274 | QB-1/8-5/16-U |
| | 1/8 NPT | 3/8 | 10 | 567773 | QB-1/8-3/8-U |
| | 1/4 NPT | 5/32 | 10 | 567772 | QB-1/4-5/32-U |
| | 1/4 NPT | 1/4 | 10 | 533276 | QB-1/4-1/4-U |
| | 1/4 NPT | 5/16 | 10 | 533277 | QB-1/4-5/16-U |
| | 1/4 NPT | 3/8 | 10 | 533278 | QB-1/4-3/8-U |
| | 1/4 NPT | 1/2 | 10 | 567771 | QB-1/4-1/2-U |
| | 3/8 NPT | 1/4 | 10 | 533279 | QB-3/8-1/4-U |
| | 3/8 NPT | 5/16 | 10 | 533280 | QB-3/8-5/16-U |
| | 3/8 NPT | 3/8 | 5 | 533281 | QB-1/2-1/2-U |
| | 3/8 NPT | 1/2 | 5 | 533282 | QB-3/8-1/2-U |
| | 1/2 NPT | 5/16 | 10 | 567770 | QB-1/2-5/16-U |
| | 1/2 NPT | 3/8 | 5 | 533283 | QB-1/2-3/8-U |
| | 1/2 NPT | 1/2 | 5 | 533284 | QB-1/2-1/2-U |

| Racor en L push-in | | | | | |
|--------------------|--------------|-----------|---------|-----------------|----------------------|
| | D1 (Rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 10-32 UNF-2A | 5/32 | 10 | 533286 | QBL-10-32-UNF-5/32-U |
| | 10-32 UNF-2A | 1/4 | 10 | 533288 | QBL-10-32-UNF-1/4-U |
| | 1/8 NPT | 5/32 | 10 | 533290 | QBL-1/8-5/32-U |
| | 1/8 NPT | 1/4 | 10 | 533292 | QBL-1/8-1/4-U |
| | 1/8 NPT | 5/16 | 10 | 533293 | QBL-1/8-5/16-U |
| | 1/8 NPT | 3/8 | 10 | 567777 | QBL-1/8-3/8-U |
| | 1/4 NPT | 5/32 | 10 | 567776 | QBL-1/4-5/32-U |
| | 1/4 NPT | 1/4 | 10 | 533295 | QBL-1/4-1/4-U |
| | 1/4 NPT | 5/16 | 10 | 533296 | QBL-1/4-5/16-U |
| | 1/4 NPT | 3/8 | 5 | 533297 | QBL-1/4-3/8-U |
| | 1/4 NPT | 1/2 | 5 | 567775 | QBL-1/4-1/2-U |
| | 3/8 NPT | 1/4 | 5 | 533298 | QBL-3/8-1/4-U |
| | 3/8 NPT | 5/16 | 5 | 533299 | QBL-3/8-5/16-U |
| | 3/8 NPT | 3/8 | 5 | 533300 | QBL-3/8-3/8-U |
| | 3/8 NPT | 1/2 | 5 | 533301 | QBL-3/8-1/2-U |
| | 1/2 NPT | 3/8 | 5 | 533302 | QBL-1/2-3/8-U |
| | 1/2 NPT | 1/2 | 5 | 533303 | QBL-1/2-1/2-U |

| Racor push-in (con hexagonal interno) | | | | | |
|---------------------------------------|------------|-----------|---------|-----------------|----------------------|
| | D1 (Rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 10-32 UNF | 1/4 | 10 | 572316 | QB-10-32-UNF-1/4-I-U |
| | 1/8 NPT | 5/32 | 10 | 572317 | QB-1/8-5/32-I-U |
| | 1/8 NPT | 1/4 | 10 | 572318 | QB-1/8-1/4-I-U |
| | 1/8 NPT | 5/16 | 10 | 572319 | QB-1/8-5/16-I-U |
| | 1/4 NPT | 1/4 | 10 | 572320 | QB-1/4-1/4-I-U |
| | 1/4 NPT | 5/16 | 10 | 572321 | QB-1/4-5/16-I-U |
| | 1/4 NPT | 3/8 | 10 | 572322 | QB-1/4-3/8-I-U |
| | 3/8 NPT | 5/16 | 10 | 572323 | QB-3/8-5/16-I-U |
| | 3/8 NPT | 3/8 | 10 | 572324 | QB-3/8-3/8-I-U |
| | 3/8 NPT | 1/2 | 10 | 572325 | QB-3/8-1/2-I-U |
| | 1/2 NPT | 1/2 | 10 | 572326 | QB-1/2-1/2-I-U |

| Racor push-in (Hembra) | | | | | |
|------------------------|------------|-----------|---------|-----------------|----------------|
| | D1 (Rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 1/8 NPT | 5/32 | 10 | 564636 | QBF-1/8-5/32-U |
| | 1/8 NPT | 1/4 | 10 | 564638 | QBF-1/8-1/4-U |
| | 1/8 NPT | 5/16 | 10 | 564639 | QBF-1/8-5/16-U |
| | 1/8 NPT | 3/8 | 10 | 564640 | QBF-1/8-3/8-U |
| | 1/4 NPT | 5/32 | 10 | 564642 | QBF-1/4-5/32-U |
| | 1/4 NPT | 1/4 | 10 | 564644 | QBF-1/4-1/4-U |
| | 1/4 NPT | 5/16 | 10 | 564645 | QBF-1/4-5/16-U |
| | 1/4 NPT | 3/8 | 10 | 564646 | QBF-1/4-3/8-U |
| | 1/4 NPT | 1/2 | 5 | 564647 | QBF-1/4-1/2-U |
| | 3/8 NPT | 1/4 | 10 | 564648 | QBF-3/8-1/4-U |
| | 3/8 NPT | 5/16 | 10 | 567774 | QBF-3/8-5/16-U |
| | 3/8 NPT | 3/8 | 10 | 564649 | QBF-3/8-3/8-U |
| | 3/8 NPT | 1/2 | 5 | 564650 | QBF-3/8-1/2-U |
| | 1/2 NPT | 5/16 | 10 | 564651 | QBF-1/2-5/16-U |
| | 1/2 NPT | 3/8 | 5 | 564652 | QBF-1/2-3/8-U |

| Racor en T push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|----------------------|
| | D1 (Rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 10-32 UNF | 5/32 | 10 | 533305 | QBT-10-32-UNF-5/32-U |
| | 10-32 UNF | 1/4 | 10 | 533307 | QBT-10-32-UNF-1/4-U |
| | 1/8 NPT | 5/32 | 10 | 533309 | QBT-1/8-5/32-U |
| | 1/8 NPT | 1/4 | 10 | 533311 | QBT-1/8-1/4-U |
| | 1/8 NPT | 5/16 | 5 | 533312 | QBT-1/8-5/16-U |
| | 1/8 NPT | 3/8 | 5 | 567767 | QBT-1/8-3/8-U |
| | 1/4 NPT | 5/32 | 10 | 567778 | QBT-1/4-5/32-U |
| | 1/4 NPT | 1/4 | 5 | 533314 | QBT-1/4-1/4-U |
| | 1/4 NPT | 5/16 | 5 | 533315 | QBT-1/4-5/16-U |
| | 1/4 NPT | 3/8 | 5 | 533316 | QBT-1/4-3/8-U |
| | 1/4 NPT | 1/2 | 5 | 567768 | QBT-1/4-1/2-U |
| | 3/8 NPT | 1/4 | 5 | 533317 | QBT-3/8-1/4-U |
| | 3/8 NPT | 5/16 | 5 | 533318 | QBT-3/8-5/16-U |
| | 3/8 NPT | 3/8 | 5 | 533319 | QBT-3/8-3/8-U |
| | 3/8 NPT | 1/2 | 1 | 533320 | QBT-3/8-1/2-U |
| | 1/2 NPT | 3/8 | 5 | 533321 | QBT-1/2-3/8-U |
| 1/2 NPT | 1/2 | 1 | 533322 | QBT-1/2-1/2-U | |

| Racor en Y push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|----------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 10-32-UNF | 5/32 | 10 | 564684 | QBY-10-32-UNF-5/32-U |
| | 1/8 NPT | 5/32 | 10 | 564687 | QBY-1/8-5/32-U |
| | 1/8 NPT | 1/4 | 10 | 564689 | QBY-1/8-1/4-U |
| | 1/8 NPT | 5/16 | 10 | 564690 | QBY-1/8-5/16-U |
| | 1/8 NPT | 3/8 | 5 | 564691 | QBY-1/8-3/8-U |
| | 1/4 NPT | 5/32 | 10 | 564692 | QBY-1/4-5/32-U |
| | 1/4 NPT | 1/4 | 10 | 564694 | QBY-1/4-1/4-U |
| | 1/4 NPT | 5/16 | 10 | 564695 | QBY-1/4-5/16-U |
| | 1/4 NPT | 3/8 | 5 | 564696 | QBY-1/4-3/8-U |
| | 1/4 NPT | 1/2 | 5 | 564697 | QBY-1/4-1/2-U |
| | 3/8 NPT | 1/4 | 10 | 564698 | QBY-3/8-1/4-U |
| | 3/8 NPT | 5/16 | 10 | 564700 | QBY-3/8-5/16-U |
| | 3/8 NPT | 3/8 | 5 | 564701 | QBY-3/8-3/8-U |
| | 3/8 NPT | 1/2 | 5 | 564702 | QBY-3/8-1/2-U |
| | 1/2 NPT | 5/16 | 5 | 564703 | QBY-1/2-5/16-U |
| | 1/2 NPT | 3/8 | 5 | 564704 | QBY-1/2-3/8-U |
| | 1/2 NPT | 1/2 | 5 | 564705 | QBY-1/2-1/2-U |

| Racor push-in (Hembra) | | | | | |
|------------------------|------------|-----------|---------|-----------------|-----------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 1/8 NPT | 1/4 | 1 | 153770 | QSSF-1/8-1/4-U |
| | 1/8 NPT | 5/16 | 1 | 153772 | QSSF-1/8-5/16-U |
| | 1/4 NPT | 1/4 | 1 | 153771 | QSSF-1/4-1/4-U |
| | 1/4 NPT | 5/16 | 1 | 153773 | QSSF-1/4-5/16-U |
| | 1/4 NPT | 3/8 | 1 | 153775 | QSSF-1/4-3/8-U |
| | 3/8 NPT | 5/16 | 1 | 153774 | QSSF-3/8-5/16-U |
| | 3/8 NPT | 3/8 | 1 | 153776 | QSSF-3/8-3/8-U |
| | 3/8 NPT | 1/2 | 1 | 153777 | QSSF-3/8-1/2-U |
| | 1/2 NPT | 1/2 | 1 | 153778 | QSSF-1/2-1/2-U |

Conectores push-in estándar QB (pulgadas)

| Conector push-in | | | | | |
|------------------|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 1/8 | 1/8 | 10 | 572277 | QBM-1/8T-U |
| | 5/32 | 5/32 | 10 | 572278 | QBM-5/32T-U |
| | 1/4 | 1/4 | 10 | 573056 | QBM-1/4T-U |


| Conector push-in T | | | | | |
|--------------------|-----------|-----------|---------|-----------------|--------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 1/8 | 1/8 | 10 | 572293 | QBMT-1/8T-U |
| | 5/32 | 5/32 | 10 | 572294 | QBMT-5/32T-U |
| | 1/4 | 1/4 | 10 | 573069 | QBMT-1/4T-U |


| Conector push-in Y | | | | | |
|--------------------|-----------|-----------|---------|-----------------|--------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 1/8 | 1/8 | 10 | 572299 | QBMY-1/8T-U |
| | 5/32 | 5/32 | 10 | 572300 | QBMY-5/32T-U |
| | 1/4 | 1/4 | 10 | 573073 | QBMY-1/4T-U |


| Tapón ciego | | | | | |
|-------------|------------|-----------|---------|-----------------|-------------|
| | D1 (Rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | - | 1/8 | 10 | 572281 | QBMC-1/8H-U |





Conectores push-in estándar QB (pulgadas)


| Conector push-in (reductor) | | | | | |
|---|-----------|-----------|---------|-----------------|-----------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 1/4 | 5/32 | 10 | 564798 | QB-1/4T-5/32-U |
| | 5/16 | 5/32 | 10 | 564800 | QB-5/16T-5/32-U |
| | 5/16 | 1/4 | 10 | 564801 | QB-5/16T-1/4-U |
| | 3/8 | 1/4 | 10 | 564802 | QB-3/8T-1/4-U |
| | 3/8 | 5/16 | 10 | 564803 | QB-3/8T-5/16-U |
| | 1/2 | 3/8 | 5 | 564804 | QB-1/2T-3/8-U |


| Conector push-in (con manga push-in) | | | | | |
|---|-----------|-----------|---------|-----------------|-----------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 1/8 | 1/4 | 10 | 564810 | QB-1/8H-1/4-U |
| | 5/32 | 1/8 | 10 | 564811 | QB-5/32H-1/8-U |
| | 5/32 | 1/4 | 10 | 564812 | QB-5/32H-1/4-U |
| | 1/4 | 1/8 | 10 | 564813 | QB-1/4H-1/8-U |
| | 1/4 | 5/32 | 10 | 564814 | QB-1/4H-5/32-U |
| | 5/16 | 5/32 | 10 | 564815 | QB-5/16H-5/32-U |
| | 5/16 | 1/4 | 10 | 564816 | QB-5/16H-1/4-U |
| | 3/8 | 1/4 | 10 | 564817 | QB-3/8H-1/4-U |
| | 3/8 | 5/16 | 10 | 567779 | QB-3/8H-5/16-U |
| | 1/2 | 3/8 | 10 | 567780 | QB-1/2H-3/8-U |


| Push-in L - connector (con manga push-in) | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 1/4 | 1/4 | 10 | 153654 | QSL-1/4H-U |
| | 5/16 | 5/16 | 1 | 153655 | QSL-5/16H-U |
| | 3/8 | 3/8 | 1 | 153656 | QSL-3/8H-U |
| | 1/2 | 1/2 | 1 | 190623 | QSL-1/2H-U |


| Push-in T - connector (reductor) | | | | | |
|---|-----------|-----------|---------|-----------------|-----------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 1/4 | 5/32 | 10 | 564805 | QBT-1/4T-5/32-U |
| | 5/16 | 1/4 | 10 | 564806 | QBT-5/16T-1/4-U |
| | 3/8 | 1/4 | 10 | 564807 | QBT-3/8T-1/4-U |
| | 3/8 | 5/16 | 10 | 564808 | QBT-3/8T-5/16-U |
| | 1/2 | 3/8 | 5 | 564809 | QBT-1/2T-3/8-U |


| Conector push-in de mamparo | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 5/32 | 5/32 | 10 | 564748 | QBS-5/32T-U |
| | 1/4 | 1/4 | 10 | 564750 | QBS-1/4T-U |
| | 5/16 | 5/16 | 10 | 564751 | QBS-5/16T-U |
| | 3/8 | 3/8 | 5 | 564752 | QBS-3/8T-U |
| | 1/2 | 1/2 | 5 | 564753 | QBS-1/2T-U |


| Conector push-in | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 5/32 | 5/32 | 10 | 564754 | QB-5/32T-U |
| | 1/4 | 1/4 | 10 | 564756 | QB-1/4T-U |
| | 5/16 | 5/16 | 10 | 564757 | QB-5/16T-U |
| | 3/8 | 3/8 | 10 | 564758 | QB-3/8T-U |
| | 1/2 | 1/2 | 5 | 564759 | QB-1/2T-U |

| Push-in L - connector | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 5/32 | 5/32 | 10 | 564760 | QBL-5/32T-U |
| | 1/4 | 1/4 | 10 | 564762 | QBL-1/4T-U |
| | 5/16 | 5/16 | 10 | 564763 | QBL-5/16T-U |
| | 3/8 | 3/8 | 10 | 564764 | QBL-3/8T-U |
| | 1/2 | 1/2 | 5 | 564765 | QBL-1/2T-U |

| Push-in T - connector | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 5/32 | 5/32 | 10 | 564766 | QBT-5/32T-U |
| | 1/4 | 1/4 | 10 | 564768 | QBT-1/4T-U |
| | 5/16 | 5/16 | 10 | 564769 | QBT-5/16T-U |
| | 3/8 | 3/8 | 5 | 564770 | QBT-3/8T-U |
| | 1/2 | 1/2 | 5 | 564771 | QBT-1/2T-U |

| Push-in Y - connector | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 5/32 | 5/32 | 10 | 564772 | QBY-5/32T-U |
| | 1/4 | 1/4 | 10 | 564774 | QBY-1/4T-U |
| | 5/16 | 5/16 | 10 | 564775 | QBY-5/16T-U |
| | 3/8 | 3/8 | 5 | 564776 | QBY-3/8T-U |
| | 1/2 | 1/2 | 5 | 564777 | QBY-1/2T-U |

| Push-in Y - connector (reductor) | | | | | |
|---|-----------|-----------|---------|-----------------|------------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 1/4 | 5/32 | 10 | 564819 | QBY-1/4T-5/32-U |
| | 5/16 | 5/32 | 10 | 564821 | QBY-5/16T-5/32-U |
| | 5/16 | 1/4 | 10 | 564822 | QBY-5/16T-1/4-U |
| | 3/8 | 1/4 | 10 | 564823 | QBY-3/8T-1/4-U |
| | 3/8 | 5/16 | 10 | 564824 | QBY-3/8T-5/16-U |
| | 1/2 | 5/16 | 5 | 564826 | QBY-1/2T-5/16-U |
| | 1/2 | 3/8 | 5 | 564825 | QBY-1/2T-3/8-U |

| Tapón ciego | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | - | 5/32 | 10 | 564784 | QBC-5/32H-U |
| | - | 1/4 | 10 | 564786 | QBC-1/4H-U |
| | - | 5/16 | 10 | 564787 | QBC-5/16H-U |
| | - | 3/8 | 10 | 564788 | QBC-3/8H-U |
| | - | 1/2 | 10 | 564789 | QBC-1/2H-U |

Racores push-in híbridos

QB/QS híbrido mini (ISO --> Tubo en Pulgadas)

| Racor push-in (with Internal hex) | | | | | |
|-----------------------------------|------------|-----------|---------|-----------------|-------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M3 | 1/8 | 10 | 183751 | QSM-M3-1/8-I-U-M |
| | M3 | 5/32 | 1 | 130592 | QSM-M3-5/32-I-U-M |
| | M5 | 1/8 | 10 | 183749 | QSM-M5-1/8-I-U-M |
| | M5 | 5/32 | 10 | 130593 | QSM-M5-5/32-I-U-M |
| | M5 | 1/4 | 50 | 130591 | QSM-M5-1/4-I-U-M |
| | M7 | 1/8 | 10 | 183738 | QSM-M7-1/8-I-U-M |
| | M7 | 1/4 | 50 | 183740 | QSM-M7-1/4-I-U-M |

| Racor en T push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 1/8 | 10 | 533247 | QBMT-M5-1/8-U-M |
| | R 1/8 | 1/8 | 10 | 533251 | QBMT-1/8-1/8-U-M |

| Racor push-in (con hexagonal externo) | | | | | |
|---------------------------------------|------------|-----------|---------|-----------------|-------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 1/4 | 10 | 192808 | QS-M5-1/4-I-U-M |
| | R 1/8 | 1/4 | 10 | 183741 | QS-1/8-1/4-I-U-M |
| | R 1/8 | 5/16 | 10 | 183742 | QS-1/8-5/16-I-U-M |
| | R 1/4 | 1/4 | 10 | 192809 | QS-1/4-1/4-I-U-M |
| | R 1/4 | 5/16 | 1 | 183743 | QS-1/4-5/16-I-U-M |
| | R 1/4 | 3/8 | 10 | 183744 | QS-1/4-3/8-I-U-M |
| | R 3/8 | 5/16 | 1 | 183745 | QS-3/8-5/16-I-U-M |
| | R 3/8 | 3/8 | 1 | 183746 | QS-3/8-3/8-I-U-M |
| | R 1/2 | 3/8 | 1 | 183747 | QS-1/2-3/8-I-U-M |
| | R 1/2 | 1/2 | 1 | 183748 | QS-1/2-1/2-I-U-M |

| Racor en push-in (hexagonal externo) | | | | | |
|--------------------------------------|------------|-----------|---------|-----------------|-----------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 5/32 | 10 | 533210 | QB-M5-5/32-U-M |
| | M5 | 1/4 | 10 | 533212 | QB-M5-1/4-U-M |
| | R 1/8 | 5/32 | 10 | 533214 | QB-1/8-5/32-U-M |
| | R 1/8 | 1/4 | 10 | 533216 | QB-1/8-1/4-U-M |
| | R 1/8 | 5/16 | 10 | 533217 | QB-1/8-5/16-U-M |
| | R 1/4 | 1/4 | 10 | 533219 | QB-1/4-1/4-U-M |
| | R 1/4 | 5/16 | 10 | 533220 | QB-1/4-5/16-U-M |
| | R 1/4 | 3/8 | 10 | 533221 | QB-1/4-3/8-U-M |
| | R 3/8 | 1/4 | 10 | 533222 | QB-3/8-1/4-U-M |
| | R 3/8 | 5/16 | 10 | 533223 | QB-3/8-5/16-U-M |
| | R 3/8 | 3/8 | 5 | 533224 | QB-3/8-3/8-U-M |
| | R 3/8 | 1/2 | 5 | 533225 | QB-3/8-1/2-U-M |
| | R 1/2 | 3/8 | 5 | 533226 | QB-1/2-3/8-U-M |
| | R 1/2 | 1/2 | 5 | 533227 | QB-1/2-1/2-U-M |

| Racor push-in (con hexagonal externo) | | | | | |
|---------------------------------------|------------|-----------|---------|-----------------|-----------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 1/8 | 10 | 533209 | QBM-M5-1/8-U-M |
| | R 1/8 | 1/8 | 10 | 533213 | QBM-1/8-1/8-U-M |

| Racor en L push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 1/8 | 10 | 533228 | QBML-M5-1/8-U-M |
| | R 1/8 | 1/8 | 10 | 533232 | QBML-1/8-1/8-U-M |

| Racor en L push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 5/32 | 10 | 533229 | QBL-M5-5/32-U-M |
| | M5 | 1/4 | 10 | 533231 | QBL-M5-1/4-U-M |
| | R 1/8 | 5/32 | 10 | 533233 | QBL-1/8-5/32-U-M |
| | R 1/8 | 1/4 | 10 | 533235 | QBL-1/8-1/4-U-M |
| | R 1/8 | 5/16 | 10 | 533236 | QBL-1/8-5/16-U-M |
| | R 1/8 | 3/8 | 5 | 562578 | QBL-1/8-3/8-U-M |
| | R 1/4 | 1/4 | 10 | 533238 | QBL-1/4-1/4-U-M |
| | R 1/4 | 5/16 | 10 | 533239 | QBL-1/4-5/16-U-M |
| | R 1/4 | 3/8 | 5 | 533240 | QBL-1/4-3/8-U-M |
| | R 3/8 | 1/4 | 5 | 533241 | QBL-3/8-1/4-U-M |
| | R 3/8 | 5/16 | 5 | 533242 | QBL-3/8-5/16-U-M |
| | R 3/8 | 3/8 | 5 | 533243 | QBL-3/8-3/8-U-M |
| | R 3/8 | 1/2 | 5 | 533244 | QBL-3/8-1/2-U-M |
| | R 1/2 | 3/8 | 5 | 533245 | QBL-1/2-3/8-U-M |
| | R 1/2 | 1/2 | 5 | 533227 | QB-1/2-1/2-U-M |

| Racor en T push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 5/32 | 10 | 533248 | QBT-M5-5/32-U-M |
| | M5 | 1/4 | 10 | 533250 | QBT-M5-1/4-U-M |
| | R 1/8 | 5/32 | 10 | 533252 | QBT-1/8-5/32-U-M |
| | R 1/8 | 1/4 | 10 | 533254 | QBT-1/8-1/4-U-M |
| | R 1/8 | 5/16 | 5 | 533255 | QBT-1/8-5/16-U-M |
| | R 1/8 | 3/8 | 5 | 562579 | QBT-1/8-3/8-U-M |
| | R 1/4 | 1/4 | 5 | 533257 | QBT-1/4-1/4-U-M |
| | R 1/4 | 5/16 | 5 | 533258 | QBT-1/4-5/16-U-M |
| | R 1/4 | 3/8 | 5 | 533259 | QBT-1/4-3/8-U-M |
| | R 3/8 | 1/4 | 5 | 533260 | QBT-3/8-1/4-U-M |
| | R 3/8 | 5/16 | 5 | 533261 | QBT-3/8-5/16-U-M |
| | R 3/8 | 3/8 | 5 | 533262 | QBT-3/8-3/8-U-M |
| | R 3/8 | 1/2 | 1 | 533263 | QBT-3/8-1/2-U-M |
| | R 1/2 | 3/8 | 5 | 533264 | QBT-1/2-3/8-U-M |
| | R 1/2 | 1/2 | 1 | 533265 | QBT-1/2-1/2-U-M |



Reguladores de flujo en pulgadas GRLA (escape)



Válvula de control de flujo unidireccional GRLA-B (pulgadas)

| Control de flujo (escape) - Ajuste con tornillo moleteado | | | | | |
|---|------------|-----------|---------|-----------------|--------------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 10-32 UNF | 1/8 | 1 | 564839 | GRLA-10-32-UNF-QB-1/8-U |
| | 10-32 UNF | 5/32 | 1 | 564840 | GRLA-10-32-UNF-QB-5/32-U |
| | 10-32 UNF | 1/4 | 1 | 564842 | GRLA-10-32-UNF-QB-1/4-U |
| | 1/8 NPT | 5/32 | 1 | 534656 | GRLA-1/8-QB-5/32-U |
| | 1/8 NPT | 1/4 | 1 | 534658 | GRLA-1/8-QB-1/4-U |
| | 1/8 NPT | 5/16 | 1 | 534659 | GRLA-1/8-QB-5/16-U |
| | 1/4 NPT | 1/4 | 1 | 534661 | GRLA-1/4-QB-1/4-U |
| | 1/4 NPT | 5/16 | 1 | 534662 | GRLA-1/4-QB-5/16-U |
| | 1/4 NPT | 3/8 | 1 | 534663 | GRLA-1/4-QB-3/8-U |
| | 3/8 NPT | 1/4 | 1 | 534664 | GRLA-3/8-QB-1/4-U |
| | 3/8 NPT | 5/16 | 1 | 534665 | GRLA-3/8-QB-5/16-U |
| | 3/8 NPT | 3/8 | 1 | 534666 | GRLA-3/8-QB-3/8-U |
| | 3/8 NPT | 1/2 | 1 | 534667 | GRLA-3/8-QB-1/2-U |
| | 1/2 NPT | 3/8 | 1 | 564846 | GRLA-1/2-QB-3/8-U |
| | 1/2 NPT | 1/2 | 1 | 564847 | GRLA-1/2-QB-1/2-U |

| Control de flujo (escape) - Ajuste con tornillo ranurado empotrado | | | | | |
|--|------------|------------|---------|-----------------|----------------|
| | D1 (rosca) | D2 (rosca) | U. emp. | Número de parte | Descripción |
| | 10-32 UNF | 10-32 UNF | 1 | 151539 | GRLA-1/8-NPT-B |
| | 1/8 NPT | 1/8 NPT | 1 | 151547 | GRLA-1/4-NPT-B |
| | 1/4 NPT | 1/4 NPT | 1 | 151555 | GRLA-3/8-NPT-B |
| | 3/8 NPT | 3/8 NPT | 1 | 151559 | GRLA-1/2-NPT-B |
| | 1/2 NPT | 1/2 NPT | 1 | 151572 | GRLA-10-UNF-B |



Racores y conectores push-in métricos estándar QS

Cuerpo de PBT de alta resistencia con rosca niquelada

Anillo de liberación POM para una liberación rápida y fácil del tubo

Conexión de tubo métrico 4, 6, 8, 10, 12, 16mm



Modelos estándar
Métricos M3, M5, M6, M7
ISO-R 1/8, 1/4, 3/8, 1/2
ISO-G 1/8, 1/4, 3/8, 1/2

sello de rosca
Conexión ISO-R – Sellador de rosca de PTFE
Métrico e ISO-G – Anillo de sellado

Conectores push-in mini estándar QS

| Racor push-in | | | | | |
|---------------|------------|-----------|---------|-----------------|--------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M3 | 4 mm | 10 | 153303 | QSM-M3-4 |
| | M5 | 4 mm | 10 | 153304 | QSM-M5-4 |
| | M5 | 4 mm | 100 | 130778 | QSM-M5-4-100 |
| | M5 | 6 mm | 10 | 153306 | QSM-M5-6 |
| | M5 | 6 mm | 100 | 130779 | QSM-M5-6-100 |
| | M6 | 6 mm | 10 | 132600 | QSM-M6-6 |
| | R 1/8 | 4 mm | 10 | 153305 | QSM-1/8-4 |
| | R 1/8 | 6 mm | 10 | 153307 | QSM-1/8-6 |
| | G 1/8 | 4 mm | 10 | 186264 | QSM-G1/8-4 |
| | G 1/8 | 6 mm | 10 | 186265 | QSM-G1/8-6 |

| Racor push-in (con hexagonal interno y anillo de liberación ovalado) | | | | | |
|--|------------|-----------|---------|-----------------|----------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M3 | 4 mm | 10 | 153314 | QSM-M3-4-I |
| | M5 | 4 mm | 10 | 153315 | QSM-M5-4-I |
| | M5 | 6 mm | 10 | 153317 | QSM-M5-6-I |
| | M7 | 4 mm | 10 | 153319 | QSM-M7-4-I |
| | M7 | 4 mm | 100 | 133006 | QSM-M7-4-I-100 |
| | M7 | 6 mm | 10 | 153321 | QSM-M7-6-I |
| | R 1/8 | 4 mm | 10 | 153316 | QSM-1/8-4-I |
| | R 1/8 | 6 mm | 10 | 153318 | QSM-1/8-6-I |
| | G 1/8 | 4 mm | 10 | 186266 | QSM-G1/8-4-I |
| | G 1/8 | 6 mm | 10 | 186267 | QSM-G1/8-6-I |

| Racor push-in (con hexágono interior y anillo de liberación de forma circular) | | | | | |
|--|------------|-----------|---------|-----------------|------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M3 | 4 mm | 10 | 133002 | QSM-M3-4-I-R |
| | M5 | 4 mm | 10 | 133004 | QSM-M5-4-I-R |
| | M5 | 4 mm | 100 | 132917 | QSM-M5-4-I-R-100 |
| | M5 | 6 mm | 10 | 133005 | QSM-M5-6-I-R |
| | M5 | 6 mm | 100 | 132918 | QSM-M5-6-I-R-100 |
| | M7 | 6 mm | 10 | 133007 | QSM-M7-6-I-R |
| | M7 | 6 mm | 100 | 132919 | QSM-M7-6-I-R-100 |


| Racor push-in (con hexagonal interno y anillo de liberación ovalado) | | | | | |
|--|------------|-----------|---------|-----------------|---------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M3 | 4 mm | 10 | 153332 | QSML-M3-4 |
| | M5 | 4 mm | 10 | 153333 | QSML-M5-4 |
| | M5 | 4 mm | 100 | 130771 | QSML-M5-4-100 |
| | M5 | 6 mm | 10 | 153335 | QSML-M5-6 |
| | M5 | 6 mm | 100 | 130772 | QSML-M5-6-100 |
| | M7 | 4 mm | 10 | 186352 | QSML-M7-4 |
| | M7 | 6 mm | 10 | 186353 | QSML-M7-6 |
| | R 1/8 | 4 mm | 10 | 153334 | QSML-1/8-4 |
| | R 1/8 | 6 mm | 10 | 153336 | QSML-1/8-6 |
| | G 1/8 | 4 mm | 10 | 186268 | QSML-G1/8-4 |
| G 1/8 | 6 mm | 10 | 186269 | QSML-G1/8-6 | |


| Racor en T push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|-------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M3 | 4 mm | 10 | 153353 | QSMT-M3-4 |
| | M5 | 4 mm | 10 | 153354 | QSMT-M5-4 |
| | M5 | 6 mm | 10 | 153356 | QSMT-M5-6 |
| | 1/8 | 4 mm | 10 | 153355 | QSMT-1/8-4 |
| | 1/8 | 6 mm | 10 | 153357 | QSMT-1/8-6 |


| Racor en L push-in (con hexagonal interno) | | | | | |
|--|------------|-----------|---------|-----------------|--------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 4 mm | 10 | 130831 | QSMLV-M5-4-I |
| | M7 | 4 mm | 10 | 130832 | QSMLV-M7-4-I |
| | M7 | 6 mm | 10 | 130833 | QSMLV-M7-6-I |







Racor push-in estándar QS

| Racor push-in (hexagonal externo) | | | | | |
|---|------------|-----------|---------|-----------------|---------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | G 1/8 | 4 mm | 10 | 186095 | QS-G1/8-4 |
| | G 1/8 | 6 mm | 10 | 186096 | QS-G1/8-6 |
| | G 1/8 | 6 mm | 100 | 132037 | QS-G1/8-6-100 |
| | G 1/8 | 8 mm | 10 | 186098 | QS-G1/8-8 |
| | G 1/8 | 8 mm | 50 | 132038 | QS-G1/8-8-50 |
| | G 1/4 | 6 mm | 10 | 186097 | QS-G1/4-6 |
| | G 1/4 | 6 mm | 100 | 132039 | QS-G1/4-6-100 |
| | G 1/4 | 8 mm | 10 | 186099 | QS-G1/4-8 |
| | G 1/4 | 8 mm | 50 | 132040 | QS-G1/4-8-50 |
| | G 1/4 | 10 mm | 10 | 186101 | QS-G1/4-10 |
| | G 1/4 | 10 mm | 50 | 132041 | QS-G1/4-10-50 |
| | G 1/4 | 12 mm | 10 | 186350 | QS-G1/4-12 |
| | G 3/8 | 8 mm | 10 | 186100 | QS-G3/8-8 |
| | G 3/8 | 10 mm | 10 | 186102 | QS-G3/8-10 |
| | G 3/8 | 12 mm | 10 | 186103 | QS-G3/8-12 |
| | G 1/2 | 12 mm | 1 | 186104 | QS-G1/2-12 |
| | G 1/2 | 16 mm | 1 | 186105 | QS-G1/2-16 |

| Racor push-in (hexagonal interno) | | | | | |
|---|------------|-----------|---------|-----------------|-------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | R 1/8 | 4 mm | 10 | 153012 | QS-1/8-4-I |
| | R 1/8 | 6 mm | 10 | 153013 | QS-1/8-6-I |
| | R 1/8 | 8 mm | 10 | 153015 | QS-1/8-8-I |
| | R 1/8 | 10 mm | 10 | 190647 | QS-1/8-10-I |
| | R 1/4 | 6 mm | 10 | 153014 | QS-1/4-6-I |
| | R 1/4 | 8 mm | 10 | 153016 | QS-1/4-8-I |
| | R 1/4 | 10 mm | 10 | 153018 | QS-1/4-10-I |
| | R 1/4 | 12 mm | 10 | 190649 | QS-1/4-12-I |
| | R 3/8 | 8 mm | 10 | 153017 | QS-3/8-8-I |
| | R 3/8 | 10 mm | 10 | 153019 | QS-3/8-10-I |
| | R 3/8 | 12 mm | 10 | 153020 | QS-3/8-12-I |
| | R 1/2 | 10 mm | 1 | 190648 | QS-1/2-10-I |
| | R 1/2 | 12 mm | 1 | 153021 | QS-1/2-12-I |

| Racor en L push-in con rosca hembra | | | | | |
|---|------------|-----------|---------|-----------------|---------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | G 1/8 | 4 mm | 10 | 153273 | QSLF-1/8-4-B |
| | G 1/8 | 6 mm | 10 | 153274 | QSLF-1/8-6-B |
| | G 1/8 | 8 mm | 10 | 153276 | QSLF-1/8-8-B |
| | G 1/4 | 6 mm | 10 | 153275 | QSLF-1/4-6-B |
| | G 1/4 | 8 mm | 10 | 153277 | QSLF-1/4-8-B |
| | G 1/4 | 10 mm | 10 | 153279 | QSLF-1/4-10-B |
| | G 3/8 | 8 mm | 10 | 153278 | QSLF-3/8-8-B |
| | G 3/8 | 10 mm | 10 | 153280 | QSLF-3/8-10-B |

| Racor push-in (hexagonal interno) | | | | | |
|---|------------|-----------|---------|-----------------|--------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | G 1/8 | 4 mm | 10 | 186106 | QS-G1/8-4-I |
| | G 1/8 | 6 mm | 10 | 186107 | QS-G1/8-6-I |
| | G 1/8 | 8 mm | 10 | 186109 | QS-G1/8-8-I |
| | G 1/8 | 10 mm | 10 | 132999 | QS-G1/8-10-I |
| | G 1/4 | 6 mm | 10 | 186108 | QS-G1/4-6-I |
| | G 1/4 | 8 mm | 10 | 186110 | QS-G1/4-8-I |
| | G 1/4 | 10 mm | 10 | 186112 | QS-G1/4-10-I |
| | G 3/8 | 8 mm | 10 | 186111 | QS-G3/8-8-I |
| | G 3/8 | 10 mm | 10 | 186113 | QS-G3/8-10-I |
| | G 3/8 | 12 mm | 10 | 186114 | QS-G3/8-12-I |
| | G 1/2 | 12 mm | 1 | 186115 | QS-G1/2-12-I |

| Racor push-in (hexagonal externo) | | | | | |
|--|------------|-----------|---------|-----------------|--------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|    | R 1/8 | 4 mm | 10 | 153001 | QS-1/8-4 |
| | R 1/8 | 4 mm | 100 | 130674 | QS-1/8-4-100 |
| | R 1/8 | 6 mm | 10 | 153002 | QS-1/8-6 |
| | R 1/8 | 6 mm | 100 | 130675 | QS-1/8-6-100 |
| | R 1/8 | 8 mm | 10 | 153004 | QS-1/8-8 |
| | R 1/8 | 8 mm | 50 | 130676 | QS-1/8-8-50 |
| | R 1/8 | 10 mm | 10 | 190643 | QS-1/8-10 |
| | R 1/4 | 4 mm | 10 | 190644 | QS-1/4-4 |
| | R 1/4 | 6 mm | 10 | 153003 | QS-1/4-6 |
| | R 1/4 | 6 mm | 100 | 130677 | QS-1/4-6-100 |
| | R 1/4 | 8 mm | 10 | 153005 | QS-1/4-8 |
| | R 1/4 | 8 mm | 50 | 130678 | QS-1/4-8-50 |
| | R 1/4 | 10 mm | 10 | 153007 | QS-1/4-10 |
| | R 1/4 | 10 mm | 50 | 130679 | QS-1/4-10-50 |
| | R 1/4 | 12 mm | 10 | 164980 | QS-1/4-12 |
| | R 1/4 | 12 mm | 20 | 130680 | QS-1/4-12-20 |
| | R 3/8 | 6 mm | 10 | 190645 | QS-3/8-6 |
| | R 3/8 | 8 mm | 10 | 153006 | QS-3/8-8 |
| | R 3/8 | 8 mm | 50 | 130681 | QS-3/8-8-50 |
| | R 3/8 | 10 mm | 10 | 153008 | QS-3/8-10 |
| | R 3/8 | 10 mm | 50 | 130682 | QS-3/8-10-50 |
| | R 3/8 | 12 mm | 10 | 153009 | QS-3/8-12 |
| | R 3/8 | 12 mm | 20 | 130683 | QS-3/8-12-20 |
| | R 3/8 | 16 mm | 1 | 164957 | QS-3/8-16 |
| | R 1/2 | 10 mm | 1 | 190646 | QS-1/2-10 |
| | R 1/2 | 10 mm | 50 | 133189 | QS-1/2-10-50 |
| | R 1/2 | 12 mm | 1 | 153010 | QS-1/2-12 |
| | R 1/2 | 12 mm | 20 | 130684 | QS-1/2-12-20 |
| | R 1/2 | 16 mm | 1 | 153011 | QS-1/2-16 |
| | R 1/2 | 16 mm | 20 | 130685 | QS-1/2-16-20 |



Racor en L push-in

| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|--|------------|-----------|---------|-----------------|---------------|
| | R 1/8 | 4 mm | 10 | 153045 | QSL-1/8-4 |
| | R 1/8 | 4 mm | 100 | 130728 | QSL-1/8-4-100 |
| | R 1/8 | 6 mm | 10 | 153046 | QSL-1/8-6 |
| | R 1/8 | 6 mm | 100 | 130729 | QSL-1/8-6-100 |
| | R 1/8 | 8 mm | 10 | 153048 | QSL-1/8-8 |
| | R 1/8 | 8 mm | 50 | 130730 | QSL-1/8-8-50 |
| | R 1/8 | 10 mm | 10 | 190658 | QSL-1/8-10 |
| | R 1/4 | 4 mm | 10 | 190659 | QSL-1/4-4 |
| | R 1/4 | 6 mm | 10 | 153047 | QSL-1/4-6 |
| | R 1/4 | 6 mm | 100 | 130731 | QSL-1/4-6-100 |
| | R 1/4 | 8 mm | 10 | 153049 | QSL-1/4-8 |
| | R 1/4 | 8 mm | 50 | 130732 | QSL-1/4-8-50 |
| | R 1/4 | 10 mm | 10 | 153051 | QSL-1/4-10 |
| | R 1/4 | 10 mm | 50 | 130733 | QSL-1/4-10-50 |
| | R 1/4 | 12 mm | 10 | 164981 | QSL-1/4-12 |
| | R 3/8 | 6 mm | 10 | 190660 | QSL-3/8-6 |
| | R 3/8 | 8 mm | 10 | 153050 | QSL-3/8-8 |
| | R 3/8 | 10 mm | 10 | 153052 | QSL-3/8-10 |
| | R 3/8 | 12 mm | 10 | 153053 | QSL-3/8-12 |
| | R 3/8 | 16 mm | 1 | 164958 | QSL-3/8-16 |
| | R 1/2 | 10 mm | 1 | 190661 | QSL-1/2-10 |
| | R 1/2 | 12 mm | 1 | 153054 | QSL-1/2-12 |
| | R 1/2 | 16 mm | 1 | 153055 | QSL-1/2-16 |



Racor en push-in con rosca hembra

| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|--|------------|-----------|---------|-----------------|--------------|
| | G 1/8 | 4 mm | 10 | 153022 | QSF-1/8-4-B |
| | G 1/8 | 8 mm | 10 | 153025 | QSF-1/8-8-B |
| | G 1/8 | 6 mm | 10 | 153023 | QSF-1/8-6-B |
| | G 1/4 | 4 mm | 10 | 190650 | QSF-1/4-4-B |
| | G 1/4 | 6 mm | 10 | 153024 | QSF-1/4-6-B |
| | G 1/4 | 8 mm | 10 | 153026 | QSF-1/4-8-B |
| | G 1/4 | 10 mm | 10 | 153028 | QSF-1/4-10-B |
| | G 1/4 | 12 mm | 10 | 190651 | QSF-1/4-12-B |
| | G 3/8 | 6 mm | 10 | 190652 | QSF-3/8-6-B |
| | G 3/8 | 8 mm | 10 | 153027 | QSF-3/8-8-B |
| | G 3/8 | 10 mm | 10 | 153029 | QSF-3/8-10-B |
| | G 3/8 | 12 mm | 10 | 153030 | QSF-3/8-12-B |
| | G 1/2 | 12 mm | 1 | 190653 | QSF-1/2-12-B |
| | G 1/2 | 16 mm | 1 | 190654 | QSF-1/2-16-B |



Racor en L largo de push-in

| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|--|------------|-----------|---------|-----------------|-------------|
| | R 1/8 | 4 mm | 10 | 153076 | QSL-1/8-4 |
| | R 1/8 | 6 mm | 10 | 153077 | QSL-1/8-6 |
| | R 1/8 | 8 mm | 10 | 153079 | QSL-1/8-8 |
| | R 1/4 | 4 mm | 10 | 190662 | QSL-1/4-4 |
| | R 1/4 | 6 mm | 10 | 153078 | QSL-1/4-6 |
| | R 1/4 | 8 mm | 10 | 153080 | QSL-1/4-8 |
| | R 1/4 | 10 mm | 10 | 153082 | QSL-1/4-10 |
| | R 3/8 | 6 mm | 10 | 190663 | QSL-3/8-6 |
| | R 3/8 | 8 mm | 10 | 153081 | QSL-3/8-8 |
| | R 3/8 | 10 mm | 10 | 153083 | QSL-3/8-10 |
| | R 3/8 | 12 mm | 10 | 153084 | QSL-3/8-12 |
| | R 1/2 | 12 mm | 1 | 153085 | QSL-1/2-12 |
| | R 1/2 | 10 mm | 1 | 190664 | QSL-1/2-10 |



Racor en L push-in

| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|--|------------|-----------|---------|-----------------|----------------|
| | G 1/8 | 4 mm | 10 | 186116 | QSL-G1/8-4 |
| | G 1/8 | 4 mm | 100 | 132048 | QSL-G1/8-4-100 |
| | G 1/8 | 6 mm | 10 | 186117 | QSL-G1/8-6 |
| | G 1/8 | 6 mm | 100 | 132049 | QSL-G1/8-6-100 |
| | G 1/8 | 8 mm | 10 | 186119 | QSL-G1/8-8 |
| | G 1/8 | 8 mm | 50 | 132050 | QSL-G1/8-8-50 |
| | G 1/4 | 6 mm | 10 | 186118 | QSL-G1/4-6 |
| | G 1/4 | 6 mm | 100 | 132051 | QSL-G1/4-6-100 |
| | G 1/4 | 8 mm | 10 | 186120 | QSL-G1/4-8 |
| | G 1/4 | 8 mm | 50 | 132052 | QSL-G1/4-8-50 |
| | G 1/4 | 10 mm | 10 | 186122 | QSL-G1/4-10 |
| | G 1/4 | 10 mm | 50 | 132053 | QSL-G1/4-10-50 |
| | G 1/4 | 12 mm | 10 | 186351 | QSL-G1/4-12 |
| | G 3/8 | 8 mm | 10 | 186121 | QSL-G3/8-8 |
| | G 3/8 | 10 mm | 10 | 186123 | QSL-G3/8-10 |
| | G 3/8 | 12 mm | 10 | 186124 | QSL-G3/8-12 |
| | G 1/2 | 12 mm | 1 | 186125 | QSL-G1/2-12 |
| | G 1/2 | 16 mm | 1 | 186126 | QSL-G1/2-16 |



Racor push-in (hexagonal externo)

| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|--|------------|-----------|---------|-----------------|-------------|
| | M5 | 6 mm | 10 | 190666 | QSLV-M5-6 |
| | R 1/8 | 4 mm | 10 | 153086 | QSLV-1/8-4 |
| | R 1/8 | 6 mm | 10 | 153087 | QSLV-1/8-6 |
| | R 1/8 | 8 mm | 10 | 153089 | QSLV-1/8-8 |
| | R 1/4 | 6 mm | 10 | 153088 | QSLV-1/4-6 |
| | R 1/4 | 8 mm | 10 | 153090 | QSLV-1/4-8 |
| | R 1/4 | 10 mm | 10 | 153092 | QSLV-1/4-10 |
| | R 3/8 | 8 mm | 10 | 153091 | QSLV-3/8-8 |
| | R 3/8 | 10 mm | 10 | 153093 | QSLV-3/8-10 |
| | R 3/8 | 12 mm | 10 | 153094 | QSLV-3/8-12 |
| | R 1/2 | 12 mm | 1 | 153095 | QSLV-1/2-12 |
| | R 1/2 | 16 mm | 1 | 153096 | QSLV-1/2-16 |



| Racor en L largo de push-in | | | | | |
|-----------------------------|------------|-----------|---------|-----------------|--------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | G 1/8 | 4mm | 10 | 186127 | QSSL-G1/8-4 |
| | G 1/8 | 6 mm | 10 | 186128 | QSSL-G1/8-6 |
| | G 1/8 | 8 mm | 10 | 186130 | QSSL-G1/8-8 |
| | G 1/4 | 6mm | 10 | 186129 | QSSL-G1/4-6 |
| | G 1/4 | 8 mm | 10 | 186131 | QSSL-G1/4-8 |
| | G 1/4 | 10mm | 10 | 186133 | QSSL-G1/4-10 |

| Racor push-in (hexagonal externo) | | | | | |
|-----------------------------------|------------|-----------|---------|-----------------|--------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | G 1/8 | 4 mm | 10 | 186137 | QSLV-G1/8-4 |
| | G 1/8 | 6 mm | 10 | 186138 | QSLV-G1/8-6 |
| | G 1/8 | 8 mm | 10 | 186140 | QSLV-G1/8-8 |
| | G 1/4 | 6 mm | 10 | 186139 | QSLV-G1/4-6 |
| | G 1/4 | 8 mm | 10 | 186141 | QSLV-G1/4-8 |
| | G 1/4 | 10 mm | 10 | 186143 | QSLV-G1/4-10 |
| | G 3/8 | 8 mm | 10 | 186142 | QSLV-G3/8-8 |
| | G 3/8 | 10 mm | 10 | 186144 | QSLV-G3/8-10 |
| | G 3/8 | 12 mm | 10 | 186145 | QSLV-G3/8-12 |
| | G 1/2 | 12 mm | 1 | 186146 | QSLV-G1/2-12 |
| | G 1/2 | 16 mm | 1 | 186147 | QSLV-G1/2-16 |

| Racor en T push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|-------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | R 1/8 | 4 mm | 10 | 153106 | QST-1/8-4 |
| | R 1/8 | 6 mm | 10 | 153107 | QST-1/8-6 |
| | R 1/8 | 8 mm | 10 | 153109 | QST-1/8-8 |
| | R 1/8 | 10 mm | 10 | 190667 | QST-1/8-10 |
| | R 1/4 | 4 mm | 10 | 190668 | QST-1/4-4 |
| | R 1/4 | 6 mm | 10 | 153108 | QST-1/4-6 |
| | R 1/4 | 8 mm | 10 | 153110 | QST-1/4-8 |
| | R 1/4 | 10 mm | 10 | 153112 | QST-1/4-10 |
| | R 1/4 | 12 mm | 10 | 190669 | QST-1/4-12 |
| | R 3/8 | 6 mm | 10 | 190670 | QST-3/8-6 |
| | R 3/8 | 8 mm | 10 | 153111 | QST-3/8-8 |
| | R 3/8 | 10 mm | 10 | 153113 | QST-3/8-10 |
| | R 3/8 | 12 mm | 10 | 153114 | QST-3/8-12 |
| | R 1/2 | 10 mm | 1 | 190672 | QST-1/2-10 |
| | R 1/2 | 12 mm | 1 | 153115 | QST-1/2-12 |
| | R 1/2 | 16 mm | 1 | 153116 | QST-1/2-16 |

| Racor en T push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|-------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | R 1/8 | 4 mm | 10 | 153117 | QSTL-1/8-4 |
| | R 1/8 | 6 mm | 10 | 153118 | QSTL-1/8-6 |
| | R 1/8 | 8 mm | 10 | 153120 | QSTL-1/8-8 |
| | R 1/4 | 6 mm | 10 | 153119 | QSTL-1/4-6 |
| | R 1/4 | 8 mm | 10 | 153121 | QSTL-1/4-8 |
| | R 1/4 | 10 mm | 10 | 153123 | QSTL-1/4-12 |
| | R 3/8 | 8 mm | 10 | 153122 | QSTL-3/8-8 |
| | R 3/8 | 10 mm | 10 | 153124 | QSTL-3/8-10 |
| | R 3/8 | 12 mm | 10 | 153125 | QSTL-3/8-12 |
| | R 1/2 | 12 mm | 1 | 153126 | QSTL-1/2-12 |
| | R 1/2 | 16 mm | 1 | 153127 | QSTL-1/2-16 |

| Racor en Y push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|-------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 4 mm | 10 | 190673 | QSY-M5-4 |
| | M5 | 6 mm | 10 | 190674 | QSY-M5-6 |
| | R 1/8 | 4 mm | 10 | 153138 | QSY-1/8-4 |
| | R 1/8 | 6 mm | 10 | 153139 | QSY-1/8-6 |
| | R 1/8 | 8 mm | 10 | 153141 | QSY-1/8-8 |
| | R 1/4 | 4 mm | 10 | 190675 | QSY-1/4-4 |
| | R 1/4 | 6 mm | 10 | 153140 | QSY-1/4-6 |
| | R 1/4 | 8 mm | 10 | 153142 | QSY-1/4-8 |
| | R 1/4 | 10 mm | 10 | 153144 | QSY-1/4-10 |
| | R 3/8 | 8 mm | 10 | 153143 | QSY-3/8-8 |
| | R 3/8 | 10 mm | 10 | 153145 | QSY-3/8-10 |
| | R 3/8 | 12 mm | 10 | 153146 | QSY-3/8-12 |
| | R 1/2 | 12 mm | 1 | 153147 | QSY-1/2-12 |


| Racor push-in para mamparo con rosca hembra | | | | | |
|---|------------|-----------|---------|-----------------|---------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | R 1/8 | 4 mm | 10 | 153162 | QSSF-1/8-4-B |
| | R 1/8 | 6 mm | 10 | 153163 | QSSF-1/8-6-B |
| | R 1/8 | 8 mm | 10 | 153165 | QSSF-1/8-8-B |
| | R 1/4 | 4 mm | 10 | 190655 | QSSF-1/4-4-B |
| | R 1/4 | 6 mm | 10 | 153164 | QSSF-1/4-6-B |
| | R 1/4 | 8 mm | 10 | 153166 | QSSF-1/4-8-B |
| | R 1/4 | 10 mm | 10 | 153168 | QSSF-1/4-10-B |
| | R 3/8 | 6 mm | 10 | 190656 | QSSF-3/8-6-B |
| | R 3/8 | 8 mm | 10 | 153167 | QSSF-3/8-8-B |
| | R 3/8 | 10 mm | 10 | 153169 | QSSF-3/8-10-B |
| | R 3/8 | 12 mm | 10 | 153170 | QSSF-3/8-12-B |
| | R 1/2 | 12 mm | 1 | 153171 | QSSF-1/2-12-B |
| | R 1/2 | 16 mm | 1 | 190657 | QSSF-1/2-16-B |


Conectores push-in estándar QS


| QS standard, mini - connectors | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 4 mm | 4 mm | 10 | 153324 | QSM-4 |
| | 6 mm | 6 mm | 10 | 153325 | QSM-6 |
| Conector push-in con manga push-in | | | | | |
|  | 6 mm | 4 mm | 10 | 153329 | QSM-6H-4 |
| Conector push-in (reductor) | | | | | |
|  | 6 mm | 4 mm | 10 | 153327 | QSM-6-4 |
| Conector en L de inserción rápida | | | | | |
|  | 4 mm | 4 mm | 10 | 153344 | QSML-4 |
| | 6 mm | 6 mm | 10 | 153345 | QSML-6 |
| Manga push-in larga | | | | | |
|  | 4 mm | 4 mm | 10 | 153347 | QSML-4H |
| | 6 mm | 6 mm | 10 | 153348 | QSML-6H |
| Conector push-in en L con manga push-in larga (reductor) | | | | | |
|  | 6 mm | 4 mm | 10 | 153350 | QSML-6H-4 |
| Conector en T de inserción rápida | | | | | |
|  | 4 mm | 4 mm | 10 | 153366 | QSMT-4 |
| | 6 mm | 6 mm | 10 | 153367 | QSMT-6 |
| Conector push-in T (reductor) | | | | | |
|  | 6 mm | 4 mm | 10 | 153369 | QSMT-6-4 |
| Conector push-in Y | | | | | |
|  | 4 mm | 4 mm | 10 | 153371 | QSMY-4 |
| | 6 mm | 6 mm | 10 | 153372 | QSMY-6 |
| Conector push-in Y (reductor) | | | | | |
|  | 6 mm | 4 mm | 10 | 153374 | QSMY-6-4 |
| Conector push-in (auto-sellante) | | | | | |
|  | 4 mm | 4 mm | 1 | 153439 | QSMK-4 |
| | 6 mm | 6 mm | 1 | 153440 | QSMK-6 |
| Conector push-in de mamparo | | | | | |
|  | 4 mm | 4 mm | 10 | 153376 | QSMS-4 |
| | 6 mm | 6 mm | 10 | 153377 | QSMS-6 |




Conectores estándar QS

| Conector push-in | | | | | |
|---|------------|-----------|---------|-----------------|-------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 4 mm | 4 mm | 10 | 153031 | QS-4 |
| | 4 mm | 4 mm | 100 | 130686 | QS-4-100 |
| | 6 mm | 6 mm | 10 | 153032 | QS-6 |
| | 6 mm | 6 mm | 100 | 130687 | QS-6-100 |
| | 8 mm | 8 mm | 10 | 153033 | QS-8 |
| | 8 mm | 8 mm | 50 | 130688 | QS-8-50 |
| | 10 mm | 10 mm | 10 | 153034 | QS-10 |
| | 10 mm | 10 mm | 50 | 130689 | QS-10-50 |
| | 12 mm | 12 mm | 10 | 153035 | QS-12 |
| | 12 mm | 20 mm | 20 | 130690 | QS-12-20 |
| | 16 mm | 16 mm | 1 | 153036 | QS-16 |

| Conector push-in (reductor) | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 6 mm | 4 mm | 10 | 153037 | QS-6-4 |
| | 6 mm | 4 mm | 100 | 130691 | QS-6-4-100 |
| | 8 mm | 4 mm | 10 | 130606 | QS-8-4 |
| | 8 mm | 6 mm | 10 | 153038 | QS-8-6 |
| | 8 mm | 6 mm | 50 | 130692 | QS-8-6-50 |
| | 10 mm | 6 mm | 10 | 130607 | QS-10-6 |
| | 10 mm | 8 mm | 10 | 153039 | QS-10-8 |
| | 10 mm | 8 mm | 50 | 130693 | QS-10-8-50 |
| | 12 mm | 8 mm | 10 | 130608 | QS-12-8 |
| | 12 mm | 10 mm | 10 | 153040 | QS-12-10 |

| Conector push-in con manga push-in | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 6 mm | 4 mm | 10 | 153041 | QS-6H-4 |
| | 6 mm | 4 mm | 100 | 130695 | QS-6H-4-100 |
| | 8 mm | 4 mm | 10 | 130622 | QS-8H-4 |
| | 8 mm | 6 mm | 10 | 153042 | QS-8H-6 |
| | 8 mm | 6 mm | 50 | 130696 | QS-8H-6-50 |
| | 10 mm | 6 mm | 10 | 130623 | QS-10H-6 |
| | 10 mm | 8 mm | 10 | 153043 | QS-10H-8 |
| | 12 mm | 10 mm | 10 | 153044 | QS-12H-10 |
| | 12 mm | 6 mm | 10 | 132981 | QS-12H-6 |
| | 12 mm | 8 mm | 10 | 130624 | QS-12H-8 |

| Casquillo enchufable | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 4 mm | 4 mm | 10 | 153251 | QSH-4 |
| | 6 mm | 6 mm | 10 | 153252 | QSH-6 |
| | 8 mm | 8 mm | 10 | 153253 | QSH-8 |
| | 10 mm | 10 mm | 10 | 153254 | QSH-10 |
| | 12 mm | 12 mm | 10 | 153255 | QSH-12 |
| | 16 mm | 16 mm | 1 | 153256 | QSH-16 |

| Manga push-in (reductor) | | | | | |
|--------------------------|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 6 mm | 4 mm | 10 | 153257 | QSH-6-4 |
| | 8 mm | 6 mm | 10 | 153258 | QSH-8-6 |
| | 10 mm | 8 mm | 10 | 153259 | QSH-10-8 |
| | 12 mm | 10 mm | 10 | 153260 | QSH-12-10 |
| | 12 mm | 12 mm | 10 | 153261 | QSH-16-12 |

| Conector L push-in (reductor) | | | | | |
|-------------------------------|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 4 mm | 4 mm | 10 | 153070 | QSL-4 |
| | 6 mm | 6 mm | 10 | 153071 | QSL-6 |
| | 8 mm | 8 mm | 10 | 153072 | QSL-8 |
| | 10 mm | 10 mm | 10 | 153073 | QSL-10 |
| | 12 mm | 12 mm | 10 | 153074 | QSL-12 |
| | 16 mm | 16 mm | 1 | 153075 | QSL-16 |

| Conector L push-in (con manga push-in) | | | | | |
|--|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 4 mm | 4 mm | 10 | 153056 | QSL-4H |
| | 6 mm | 6 mm | 10 | 153057 | QSL-6H |
| | 8 mm | 8 mm | 10 | 153058 | QSL-8H |
| | 10 mm | 10 mm | 10 | 153059 | QSL-10H |
| | 12 mm | 12 mm | 10 | 153060 | QSL-12H |

| Conector push-in (con manga push-in - reductor) | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 6 mm | 4 mm | 10 | 153061 | QSL-6H-4 |
| | 8 mm | 6 mm | 10 | 153062 | QSL-8H-6 |
| | 10 mm | 8 mm | 10 | 153063 | QSL-10H-8 |
| | 12 mm | 10 mm | 10 | 153064 | QSL-12H-10 |

| Conector L push-in (conector push-in con manga push-in larga) | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 4 mm | 4 mm | 10 | 153065 | QSL-4HL |
| | 6 mm | 6 mm | 10 | 153066 | QSL-6HL |
| | 8 mm | 8 mm | 10 | 153067 | QSL-8HL |
| | 10 mm | 10 mm | 10 | 153068 | QSL-10HL |
| | 12 mm | 12 mm | 10 | 153069 | QSL-12HL |

| Conector T push-in | | | | | |
|--------------------|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 4 mm | 4 mm | 10 | 153128 | QST-4 |
| | 4 mm | 4 mm | 100 | 130802 | QST-4-100 |
| | 6 mm | 6 mm | 10 | 153129 | QST-6 |
| | 6 mm | 6 mm | 100 | 130803 | QST-6-100 |
| | 8 mm | 8 mm | 10 | 153130 | QST-8 |
| | 8 mm | 8 mm | 50 | 130804 | QST-8-50 |
| | 10 mm | 10 mm | 10 | 153131 | QST-10 |
| | 10 mm | 10 mm | 50 | 130805 | QST-10-50 |
| | 12 mm | 12 mm | 10 | 153132 | QST-12 |
| | 16 mm | 16 mm | 1 | 153133 | QST-16 |

| Conector T push-in (reductor) | | | | | |
|-------------------------------|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 6 mm | 4 mm | 10 | 153134 | QST-6-4 |
| | 6 mm | 4 mm | 100 | 130820 | QST-6-4-100 |
| | 8 mm | 4 mm | 10 | 130613 | QST-8-4 |
| | 8 mm | 6 mm | 10 | 153135 | QST-8-6 |
| | 10 mm | 6 mm | 10 | 130614 | QST-10-6 |
| | 10 mm | 8 mm | 10 | 153136 | QST-10-8 |
| | 12 mm | 8 mm | 10 | 130615 | QST-12-8 |
| | 12 mm | 10 mm | 10 | 153137 | QST-12-10 |
| | 16 mm | 12 mm | 1 | 130616 | QST-16-12 |

| Conector Y push-in (reductor) | | | | | |
|-------------------------------|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 6 mm | 4 mm | 10 | 153153 | QSY-6-4 |
| | 8 mm | 4 mm | 10 | 130610 | QSY-8-4 |
| | 8 mm | 6 mm | 10 | 153154 | QSY-8-6 |
| | 10 mm | 6 mm | 10 | 130611 | QSY-10-6 |
| | 10 mm | 8 mm | 10 | 153155 | QSY-10-8 |
| | 12 mm | 8 mm | 10 | 130612 | QSY-12-8 |
| | 12 mm | 10 mm | 10 | 153156 | QSY-12-10 |
| | 16 mm | 12 mm | 1 | 190708 | QSY-16-12 |
| | 16 mm | 16 mm | 1 | 130609 | QSY-16 |

| Conector Y push-in | | | | | |
|--------------------|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 4 mm | 4 mm | 10 | 153148 | QSY-4 |
| | 4 mm | 4 mm | 100 | 130807 | QSY-4-100 |
| | 6 mm | 6 mm | 10 | 153149 | QSY-6 |
| | 6 mm | 6 mm | 100 | 130808 | QSY-6-100 |
| | 8 mm | 8 mm | 10 | 153150 | QSY-8 |
| | 8 mm | 8 mm | 50 | 130809 | QSY-8-50 |
| | 10 mm | 10 mm | 10 | 153151 | QSY-10 |
| | 10 mm | 10 mm | 20 | 130810 | QSY-10-20 |
| | 12 mm | 12 mm | 10 | 153152 | QSY-12 |

| Conector X push-in | | | | | |
|--------------------|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 8 mm | 8 mm | 10 | 153285 | QSX-8 |
| | 10 mm | 10 mm | 10 | 153286 | QSX-10 |
| | 12 mm | 12 mm | 10 | 153287 | QSX-12 |

| Multidistribuidor push-in (reductor) | | | | | |
|--------------------------------------|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 6 mm | 4 mm | 10 | 153203 | QST3-6-4 |
| | 8 mm | 6 mm | 10 | 153204 | QST3-8-6 |
| | 10 mm | 8 mm | 10 | 153205 | QST3-10-8 |

| Conector push-in de mamparo | | | | | |
|-----------------------------|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 4 mm | 4 mm | 10 | 153157 | QSS-4 |
| | 6 mm | 6 mm | 10 | 153158 | QSS-6 |
| | 8 mm | 8 mm | 10 | 153159 | QSS-8 |
| | 10 mm | 10 mm | 10 | 153160 | QSS-10 |
| | 12 mm | 12 mm | 10 | 153161 | QSS-12 |

| Conector push-in de mamparo con collar fijo | | | | | |
|---|-----------|-----------|---------|-----------------|-------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | 8 mm | 8 mm | 10 | 130642 | QSS-8-F |
| | 10 mm | 10 mm | 10 | 130643 | QSS-10-F |
| | 12 mm | 12 mm | 10 | 130644 | QSS-12-F |

| Tapón para racor rápido | | | | | |
|-------------------------|------------|-----------|---------|-----------------|-------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | - | 4 mm | 10 | 153262 | QSC-4 |
| | - | 6 mm | 10 | 153263 | QSC-6 |
| | - | 8 mm | 10 | 153264 | QSC-8 |
| | - | 10 mm | 10 | 153265 | QSC-10 |
| | - | 12 mm | 10 | 153266 | QSC-12 |

| Tapón ciego | | | | | |
|-------------|------------|-----------|---------|-----------------|-------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | - | 4 mm | 10 | 153267 | QSC-4H |
| | - | 4 mm | 100 | 130699 | QSC-4H-100 |
| | - | 6 mm | 10 | 153268 | QSC-6H |
| | - | 6 mm | 100 | 130700 | QSC-6H-100 |
| | - | 8 mm | 10 | 153269 | QSC-8H |
| | - | 8 mm | 50 | 130701 | QSC-8H-50 |
| | - | 10 mm | 10 | 153270 | QSC-10H |
| | - | 10 mm | 50 | 130702 | QSC-10H-50 |
| | - | 12 mm | 10 | 153271 | QSC-12H |
| | - | 12 mm | 20 | 130703 | QSC-12H-20 |
| | - | 16mm | 1 | 153272 | QSC-16H |

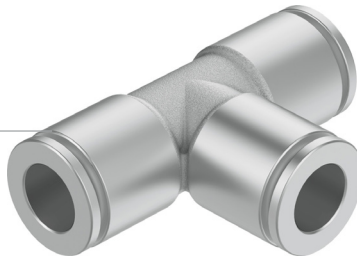
Racores push-in metálicos NPQH

Modelos estándar
Métricos M5, M7
ISO-G 1/8, 1/4, 3/8, 1/2



Cuerpo y anillo de liberación níquelados químicamente ofrecen una excelente resistencia a la corrosión y son adecuados para uso alimentario. Certificado NSF

Conexiones de tubo métricas
4, 6, 8, 10, 12 & 14mm



El sello de rosca y tubo de FPM protege contra productos químicos agresivos, aceites y temperaturas elevadas


NPQH estándar - racores push-in

| Racor push-in (hexagonal externo) | | | | | |
|-----------------------------------|------------|-----------|---------|-----------------|--------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 4 mm | 10 | 578334 | NPQH-D-M5-Q4-P10 |
| | M5 | 6 mm | 10 | 578335 | NPQH-D-M5-Q6-P10 |
| | M7 | 4 mm | 10 | 578336 | NPQH-D-M7-Q4-P10 |
| | M7 | 6 mm | 10 | 578337 | NPQH-D-M7-Q6-P10 |
| | G1/8 | 4 mm | 10 | 578338 | NPQH-D-G18-Q4-P10 |
| | G1/8 | 6 mm | 10 | 578339 | NPQH-D-G18-Q6-P10 |
| | G1/8 | 8 mm | 10 | 578340 | NPQH-D-G18-Q8-P10 |
| | G 1/4 | 6 mm | 10 | 578341 | NPQH-D-G14-Q6-P10 |
| | G 1/4 | 8 mm | 10 | 578342 | NPQH-D-G14-Q8-P10 |
| | G 1/4 | 10 mm | 10 | 578343 | NPQH-D-G14-Q10-P10 |
| | G 1/4 | 12 mm | 10 | 578344 | NPQH-D-G14-Q12-P10 |
| | G 3/8 | 8 mm | 10 | 578345 | NPQH-D-G38-Q8-P10 |
| | G 3/8 | 10 mm | 10 | 578346 | NPQH-D-G38-Q10-P10 |
| | G 3/8 | 12 mm | 10 | 578347 | NPQH-D-G38-Q12-P10 |
| | G 3/8 | 14 mm | 10 | 578348 | NPQH-D-G38-Q14-P10 |
| | G 1/2 | 10 mm | 10 | 578349 | NPQH-D-G12-Q10-P10 |
| | G 1/2 | 12 mm | 10 | 578350 | NPQH-D-G12-Q12-P10 |
| | G 1/2 | 14 mm | 10 | 578351 | NPQH-D-G12-Q14-P10 |

| Racor en L push-in | | | | | |
|--------------------|------------|-----------|---------|-----------------|--------------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
| | M5 | 4 mm | 10 | 578276 | NPQH-L-M5-Q4-P10 |
| | M5 | 6 mm | 10 | 578277 | NPQH-L-M5-Q6-P10 |
| | M7 | 4 mm | 10 | 578278 | NPQH-L-M7-Q4-P10 |
| | M7 | 6 mm | 10 | 578279 | NPQH-L-M7-Q6-P10 |
| | G1/8 | 4 mm | 10 | 578280 | NPQH-L-G18-Q4-P10 |
| | G1/8 | 6 mm | 10 | 578281 | NPQH-L-G18-Q6-P10 |
| | G1/8 | 8 mm | 10 | 578282 | NPQH-L-G18-Q8-P10 |
| | G 1/4 | 6 mm | 10 | 578283 | NPQH-L-G14-Q6-P10 |
| | G 1/4 | 8 mm | 10 | 578284 | NPQH-L-G14-Q8-P10 |
| | G 1/4 | 10 mm | 10 | 578285 | NPQH-L-G14-Q10-P10 |
| | G 1/4 | 12 mm | 10 | 578286 | NPQH-L-G14-Q12-P10 |
| | G 3/8 | 8 mm | 10 | 578287 | NPQH-L-G38-Q8-P10 |
| | G 3/8 | 10 mm | 10 | 578288 | NPQH-L-G38-Q10-P10 |
| | G 3/8 | 12 mm | 10 | 578289 | NPQH-L-G38-Q12-P10 |
| | G 3/8 | 14 mm | 10 | 578290 | NPQH-L-G38-Q14-P10 |
| | G 1/2 | 10 mm | 10 | 578291 | NPQH-L-G12-Q10-P10 |
| | G 1/2 | 12 mm | 10 | 578292 | NPQH-L-G12-Q12-P10 |
| | G 1/2 | 14 mm | 10 | 578293 | NPQH-L-G12-Q14-P10 |

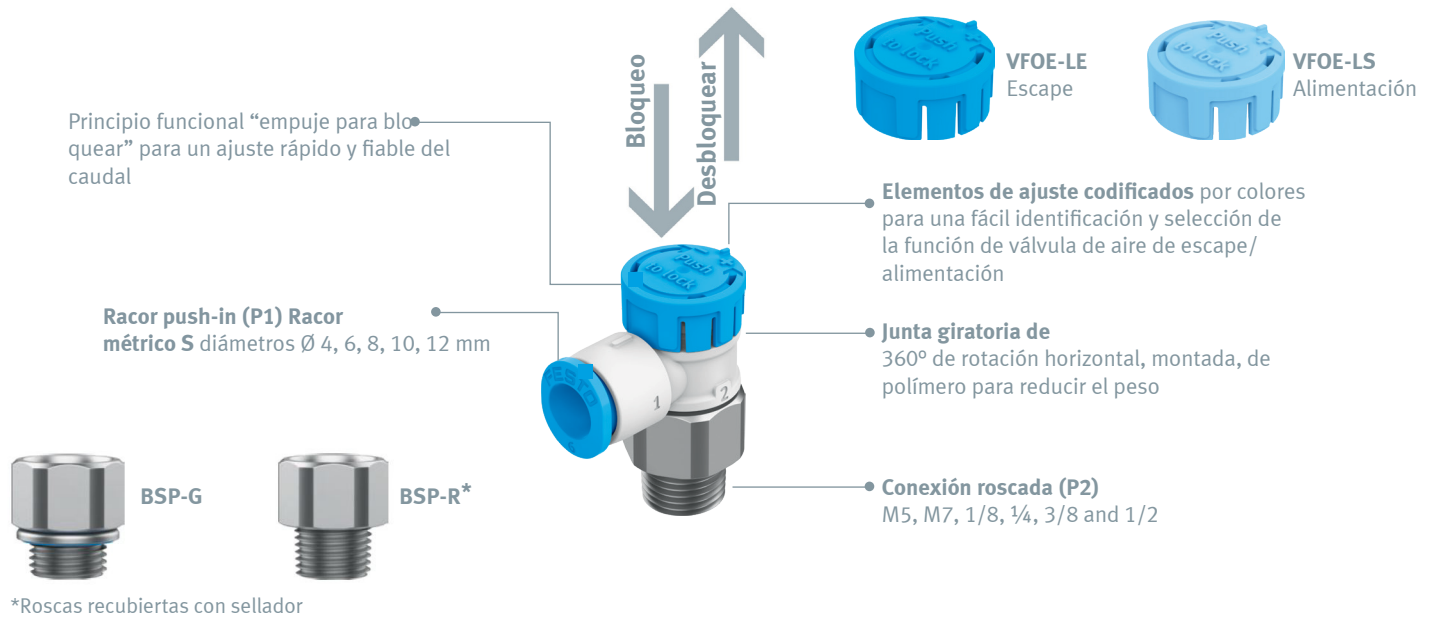


| Conector push-in T | | | | | |
|---|-----------|-----------|---------|-----------------|------------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 4 mm | 4 mm | 10 | 578380 | NPQH-T-Q4-E-P10 |
| | 6 mm | 6 mm | 10 | 578381 | NPQH-T-Q6-E-P10 |
| | 8 mm | 8 mm | 10 | 578382 | NPQH-T-Q8-E-P10 |
| | 10 mm | 10 mm | 10 | 578383 | NPQH-T-Q10-E-P10 |
| | 12 mm | 12 mm | 10 | 578384 | NPQH-T-Q12-E-P10 |
| | 14 mm | 14 mm | 10 | 578385 | NPQH-T-Q14-E-P10 |

| Conector push-in de mamparo | | | | | |
|---|-----------|-----------|---------|-----------------|------------------|
| | D1 (tubo) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | 4 mm | 4 mm | 10 | 578299 | NPQH-H-Q4-E-P10 |
| | 6 mm | 6 mm | 10 | 578300 | NPQH-H-Q6-E-P10 |
| | 8 mm | 8 mm | 10 | 578301 | NPQH-H-Q8-E-P10 |
| | 10 mm | 10 mm | 10 | 578302 | NPQH-H-Q10-E-P10 |
| | 12 mm | 12 mm | 10 | 578303 | NPQH-H-Q12-E-P10 |

| Tornillo de tapón | | | | | |
|---|------------|-----------|---------|-----------------|-----------------|
| | D1 (rosca) | D2 (tubo) | U. emp. | Número de parte | Descripción |
|  | M5 | - | 10 | 578404 | NPQH-BK-M5-P10 |
| | M7 | - | 10 | 578405 | NPQH-BK-M7-P10 |
| | G 1/8 | - | 10 | 578406 | NPQH-BK-G18-P10 |
| | G 1/4 | - | 10 | 578407 | NPQH-BK-G14-P10 |
| | G 3/8 | - | 10 | 578408 | NPQH-BK-G38-P10 |
| | G 1/2 | - | 10 | 578409 | NPQH-BK-G12-P10 |

Válvula de control de flujo unidireccional - VFOE

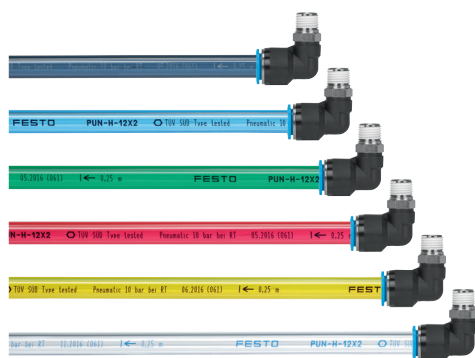


| VFOE-LE | | | | | | | |
|----------------|-------------|---------|---------|---------|---------|---------|---------|
| | Ud. empaque | P2 / P1 | QS-4 | QS-6 | QS-8 | QS-10 | QS-12 |
| Aire de escape | 1 | M5 | 8068723 | 8068724 | | | |
| | 50 | M5 | 8095432 | | | | |
| | 1 | G1/8 | 8068725 | 8068726 | 8068727 | | |
| | 50 | G1/8 | | 8095433 | | | |
| | 1 | G1/4 | | 8068728 | 8068729 | 8068730 | |
| | 50 | G1/4 | | | 8095434 | | |
| | 1 | G3/8 | | | 8068731 | 8068732 | |
| | 20 | G3/8 | | | | 8095435 | |
| | 1 | G1/2 | | | | | 8068733 |
| | 20 | G1/2 | | | | | 8095436 |
| | 1 | R1/8 | 8068734 | 8068735 | 8068736 | | |
| | 1 | R1/4 | | 8068737 | 8068738 | 8068739 | |
| | 1 | R3/8 | | | 8068740 | 8068741 | |
| | 1 | R1/2 | | | | | 8068742 |

| VFOE-LS | | | | | |
|----------------------|-------------|---------|---------|---------|---------|
| | Ud. empaque | P2 / P1 | QS-4 | QS-6 | QS-8 |
| Aire de alimentación | 1 | M5 | 8068743 | 8068744 | |
| | 1 | M7 | 8068745 | 8068746 | |
| | 1 | G1/8 | 8068747 | 8068748 | 8068749 |
| | 1 | R1/8 | 8068750 | 8068751 | 8068752 |



Tubos de poliuretano - PUN-H



- Diámetros exteriores de 4 mm...16 mm y 1/8...5/8 pulgadas
- Tubos altamente flexibles
- Resistente a la hidrólisis y a los microbios
- Resistente a los rayos UV
- Apto para uso alimentario
- Material listado por la FDA
- Resistente a las torceduras
- Colores sólidos y translúcidos
- Tubo DUO disponible en azul y negro

| PUN-H - Colores sólidos | | | | | | | | |
|-------------------------|-------------------|----------------------|--------|--------|--------|--------|--------|----------|
| Diámetro exterior | Longitud empacada | Material de embalaje | Azul | Negro | Plata | Rojo | Verde | Amarillo |
| 4 mm | 50 m | Caja | 197383 | 197390 | 558278 | 558285 | 558292 | 558299 |
| | 500 m | Carrete | 558257 | 558250 | 558271 | | | |
| 6 mm | 50 m | Caja | 197384 | 197391 | 558279 | 558286 | 558293 | 558300 |
| | 500 m | Carrete | 558258 | 558251 | 558272 | | | |
| 8 mm | 50 m | Caja | 197385 | 197392 | 558280 | 558287 | 558294 | 558301 |
| | 400 m | Carrete | 558259 | 558252 | 558273 | | | |
| 10 mm | 50 m | Caja | 197386 | 197393 | 558281 | 558288 | 558295 | 558302 |
| | 300 m | Carrete | 558260 | 558253 | 558274 | | | |
| 12 mm | 50 m | Caja | 197387 | 197394 | 558282 | 558289 | 558296 | 558303 |
| | 200 m | Carrete | 558261 | 558254 | 558275 | | | |
| 14 mm | 50 m | Caja | 570386 | 570387 | | | | |
| 16 mm | 50 m | Caja | 197388 | 197395 | 558283 | 558290 | 558297 | 558304 |
| | 100 m | Carrete | 558262 | 558255 | 558276 | | | |
| 1/8 in | 150 ft | Caja | 567945 | 567953 | 567937 | | 567977 | |
| 5/32 in | 150 ft | Caja | 567946 | 567954 | | | | |
| | 500 ft | Carrete | | 568017 | | | | |
| 1/4 in | 150 ft | Caja | 567948 | 567956 | 567940 | 567988 | 567980 | 567972 |
| | 500 ft | Carrete | 568014 | 568018 | 568010 | | | |
| | 1000 ft | Carrete | 568021 | 568023 | | | | |
| 5/16 in | 150 ft | Caja | 567949 | 567957 | | | | |
| | 500 ft | Carrete | 568022 | 568024 | 568011 | | | |
| 3/8 in | 150 ft | Caja | 567950 | 567958 | 567942 | 567990 | 567982 | 567974 |
| | 500 ft | Carrete | 568016 | 568020 | | | | |
| 1/2 in | 150 ft | Caja | 567951 | 567959 | 567943 | 567991 | 567983 | 567975 |
| 5/8 in | 150 ft | Caja | 567952 | | | 567992 | 567984 | 567976 |

NOTA: También hay disponibles materiales, tamaños y colores adicionales. Por favor, póngase en contacto con Festo.

Tubos de poliuretano - PUN-H

Modos de embalaje:



Carrete



Caja

PUN-H - Colores translúcidos

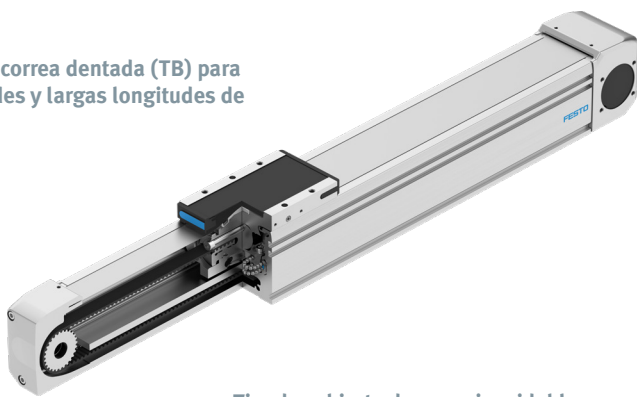
| Diámetro exterior | Longitud empacada | Material de embalaje | Natural (transparente) | Azul translúcido | Negro translúcido | Rojo translúcido | Verde translúcido | Amarillo translúcido |
|-------------------|-------------------|----------------------|------------------------|------------------|-------------------|------------------|-------------------|----------------------|
| 4 mm | 50 m | Caja | 197376 | 8048671 | 8048673 | 8048675 | 8048677 | 8048679 |
| | 500 m | Carrete | 558264 | 8048672 | 8048674 | 8048676 | 8048678 | 8048680 |
| 6 mm | 50 m | Caja | 197377 | 8048681 | 8048683 | 8048685 | 8048687 | 8048689 |
| | 500 m | Carrete | 558265 | 8048682 | 8048684 | 8048686 | 8048688 | 8048690 |
| 8 mm | 50 m | Caja | 197378 | 8048691 | 8048693 | 8048695 | 8048697 | 8048699 |
| | 400 m | Carrete | 558266 | 8048692 | 8048694 | 8048696 | 8048698 | 8048700 |
| 10 mm | 50 m | Caja | 197379 | 8048701 | 8048703 | 8048705 | 8048707 | 8048709 |
| | 300 m | Carrete | 558267 | 8048702 | 8048704 | 8048706 | 8048708 | 8048710 |
| 12 mm | 50 m | Caja | 197380 | 8048711 | 8048713 | 8048715 | 8048717 | 8048719 |
| | 200 m | Carrete | 558268 | 8048712 | 8048714 | 8048716 | 8048718 | 8048720 |
| 14 mm | 50 m | Caja | 570388 | | | | | |
| 16 mm | 50 m | Caja | 197381 | | | | | |
| | 100 m | Carrete | 558269 | | | | | |
| 1/8 in | 150 ft | Caja | 567961 | | | | | |
| 5/32 in | 150 ft | Caja | 567962 | | | | | |
| 1/4 in | 150 ft | Caja | 567964 | 8203970 | 8203971 | 8203972 | 8203973 | 8203974 |
| | 500 ft | Carrete | 8003126 | | | | | |
| 5/16 in | 150 ft | Caja | 567965 | | | | | |
| | 500 ft | Carrete | 8003127 | | | | | |
| 3/8 in | 150 ft | Caja | 567966 | 8203975 | 8203976 | 8203977 | 8203978 | 8203979 |
| | 500 ft | Carrete | 8003128 | | | | | |
| 1/2 in | 150 ft | Caja | 567967 | 8203980 | 8203981 | 8203982 | 8203983 | 8203984 |

NOTA: También hay disponibles materiales, tamaños y colores adicionales. Por favor, póngase en contacto con Festo.



Actuadores eléctricos sin vástago - ELGD / EGC

Actuadores de correa dentada (TB) para altas velocidades y largas longitudes de carrera

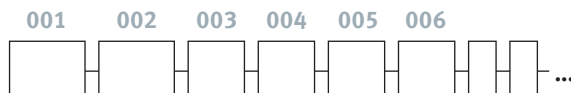


Tira de cubierta de acero inoxidable que mantiene la suciedad fuera

Rieles guía de rodamientos de bolas que proporcionan un excelente manejo de momentos para cargas elevadas



Actuadores de husillo de bolas (BS) para movimientos suaves y precisos



| | |
|-------------|---|
| 001 | Serie |
| ELGD | Actuadores sin vástago con tira de cubierta |
| EGC | Actuadores sin vástago sin tira de cubierta |
| 002 | Sistema de accionamiento |
| TB | Correa dentada |
| BS | Husillo de bolas |
| 003 | Tipo de guía |
| KF | Guía de rodamiento de bolas recirculantes |
| WD | Rieles guía anchos de rodamiento de bolas |
| 004 | Tamaño [ancho en mm] |
| --- | 60, 70, 80, 100, 120 |
| 005 | Longitud de carrera [mm] |
| --- | 100, 200, 300, 400, 500, 600, 800, 1000, 1200, 1500, 1800, 2000 |
| 006 | Paso del husillo de bolas [mm/revolución] |
| --- | 5P, 10P, 16P, 20P, 25P |

Utilice el Dimensionamiento de Movimiento Eléctrico (EMS) para seleccionar el eje servo adecuado para su aplicación

→ www.festo.com/EMS



Pedido – ELGD-TB

| Carrera [mm] | Tamaño [ancho en mm] | | |
|--------------|----------------------|---------|---------|
| | 60 | 80 | 100-WD |
| 200 | 8192344 | 8192354 | 8192374 |
| 300 | 8192345 | 8192355 | 8192375 |
| 500 | 8192346 | 8192356 | 8192376 |
| 600 | 8192347 | 8192357 | 8192377 |
| 800 | 8192348 | 8192358 | 8192378 |
| 1000 | 8192349 | 8192359 | 8192379 |
| 1200 | 8192350 | 8192360 | 8192380 |
| 1500 | 8192351 | 8192361 | 8192381 |
| 1800 | 8192352 | 8192362 | 8192382 |
| 2000 | 8192353 | 8192363 | 8192383 |

Pedido – ELGD-BS

| Carre- ra [mm] | Husi- llo de bolas [mm] | Tamaño [ancho en mm] | | | | | |
|-------------------|-------------------------------|----------------------|---------|---------|---------|---------|---------|
| | | 60 | | 80 | | | 100-WD |
| | | 5 | 10 | 5 | 10 | 20 | 10 |
| 100 | | 8192253 | 8192260 | 8192267 | 8192275 | 8192283 | 8192320 |
| 200 | | 8192254 | 8192261 | 8192268 | 8192276 | 8192284 | 8192321 |
| 300 | | 8192255 | 8192262 | 8192269 | 8192277 | 8192285 | 8192322 |
| 400 | | 8192256 | 8192263 | 8192270 | 8192278 | 8192286 | 8192323 |
| 500 | | 8192257 | 8192264 | 8192271 | 8192279 | 8192287 | 8192324 |
| 600 | | 8192258 | 8192265 | 8192272 | 8192280 | 8192288 | 8192325 |
| 800 | | 8192259 | 8192266 | 8192273 | 8192281 | 8192289 | 8192326 |
| 1000 | | | | 8192274 | 8192282 | 8192290 | 8192327 |

Pedido – EGC-TB

| Carrera [mm] | Tamaño [ancho en mm] | | |
|--------------|----------------------|---------|---------|
| | 70 | 80 | 120 |
| 300 | 3012492 | | |
| 400 | 3012493 | 575832 | 3013364 |
| 500 | 3012494 | 3013354 | 3013365 |
| 600 | 3012495 | 3013355 | 3013366 |
| 800 | 3012496 | 3013356 | 3013367 |
| 1000 | 3012497 | 3013357 | 3013368 |
| 1200 | 3012498 | 3013359 | 3013369 |
| 1500 | | | 3013370 |

Pedido – EGC-BS

| Carre- ra [mm] | Husi- llo de bolas [mm] | Tamaño [ancho en mm] | | | | |
|-------------------|-------------------------------|----------------------|---------|---------|---------|---------|
| | | 70 | 80 | 120 | | |
| | | 10 | 10 | 20 | 10 | 25 |
| 100 | | 3013388 | 3013532 | 3013539 | 3013571 | 3013578 |
| 200 | | 3013389 | 3013533 | 3013540 | 3013572 | 3013579 |
| 300 | | 3013390 | 3013534 | 3013541 | 3013573 | 3013580 |
| 400 | | 3013391 | 3013535 | 3013542 | 3013574 | 3013581 |
| 500 | | 3013392 | 3013536 | 3013543 | 3013575 | 3013582 |
| 600 | | 3013393 | 3013537 | 3013544 | 3013576 | 3013583 |
| 800 | | | 3013538 | 3013545 | 3013577 | 3013584 |

Consulte el catálogo en línea → www.festo.com/ELGD



→ www.festo.com/EGC



Cilindro eléctrico - ESBF/EPCC

Cilindros eléctricos ESBF con fuerzas de avance 17 kN



Husillos de bolas de alta calidad para un movimiento suave y una larga vida útil

Cilindros eléctricos EPCC con fuerzas de avance de hasta 1 kN



Fácil montaje con motores Festo
Kits axiales EAMM-A
Kits paralelos EAMM-U



| | | | | |
|------|-----|-----|-----|-----|
| 001 | 002 | 003 | 004 | 005 |
| ESBF | BS | | | |

| | | | |
|------|--------------------|-----|--------------------------|
| 001 | Serie | 002 | Sistema de accionamiento |
| ESBF | Cilindro eléctrico | BS | Husillo de bolas |

| | |
|-----|----------------|
| 003 | Tamaño [mm] |
| --- | 32, 40, 50, 63 |

| | |
|-----|--------------------------|
| 004 | Longitud de carrera [mm] |
| --- | 100, 200, 300, 400 |

| | |
|-----|---|
| 005 | Paso del husillo de bolas [mm/revolución] |
| --- | 5P, 10P, 16P, 20P, 25P |

| | | | | | |
|------|-----|-----|-----|-----|-----|
| 001 | 002 | 003 | 004 | 005 | 009 |
| EPCC | BS | | | | A |

| | | | |
|------|--------------------|-----|--------------------------|
| 001 | Serie | 002 | Sistema de accionamiento |
| EPCC | Cilindro eléctrico | BS | Husillo de bolas |

| | |
|-----|-------------|
| 003 | Tamaño [mm] |
| --- | 32, 45, 60 |

| | |
|-----|---------------------------------|
| 004 | Longitud de carrera [mm] |
| --- | 25, 50, 100, 150, 200, 250, 300 |

| | |
|-----|---|
| 005 | Paso del husillo de bolas [mm/revolución] |
| --- | 3P, 5P, 8P, 10P, 12P |

Pedido – Cilindro eléctrico ESBF

| Carre- ra [mm] | Husi- llo de bolas [mm] | Tamaño [ancho en mm] | | | | | | | | | | | |
|----------------------|----------------------------------|----------------------|---------|---------|---------|---------|---------|---------|---------|---------|--------|--------|----|
| | | 32 | | | 40 | | | 50 | | | 63 | | |
| | | 5 | 10 | | 5 | 10 | 16 | 5 | 10 | 20 | 5 | 10 | 25 |
| 100 | | 8022562 | 8022565 | 8022574 | 8022577 | 8022581 | 8022590 | 8022593 | 8022597 | 574093 | 574096 | 574100 | |
| 200 | | 2215384 | 8022566 | 2215385 | 8022578 | 8022582 | 2215386 | 8022594 | 8022598 | 1347390 | 574097 | 574101 | |
| 300 | | 8022563 | 8022567 | 8022575 | 8022579 | 8022583 | 8022591 | 8022595 | 8022599 | 574094 | 574098 | 574102 | |
| 400 | | 8022564 | 8022568 | 8022576 | 8022580 | 8022584 | 8022592 | 8022596 | 8022600 | 574095 | 574099 | 574103 | |

Pedido – Cilindro eléctrico EPCC

| Carre- ra [mm] | Husillo de bolas [mm] | Tamaño [ancho en mm] | | | | | |
|----------------------|-----------------------------|----------------------|---------|---------|---------|---------|---------|
| | | 32 | | 45 | | 60 | |
| | | 3 | 8 | 3 | 10 | 5 | 12 |
| 25 | | | | 5428858 | 5428868 | 5428888 | 5428901 |
| 50 | | 5428834 | 5428842 | 5428859 | 5428869 | 5428889 | 5428902 |
| 100 | | 5428836 | 5428844 | 5428861 | 5428871 | 5428891 | 5428904 |
| 150 | | 5428838 | 5428846 | 5428863 | 5428873 | 5428893 | 5428906 |
| 200 | | 5428840 | 5428848 | 5428865 | 5428875 | 5428895 | 5428908 |
| 250 | | | | | | 5428896 | 5428909 |
| 300 | | | | | | 5428897 | 5428910 |

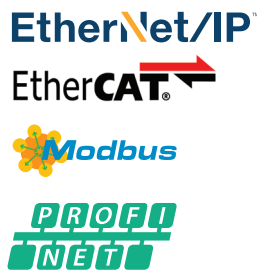
Utilice el Dimensionamiento de Movimiento Eléctrico (EMS) para seleccionar el eje servo adecuado para su aplicación

➔ www.festo.com/EMS



Servo drives de CA - CMMT-AS y motor - EMMT-AS

Motores y servo drives

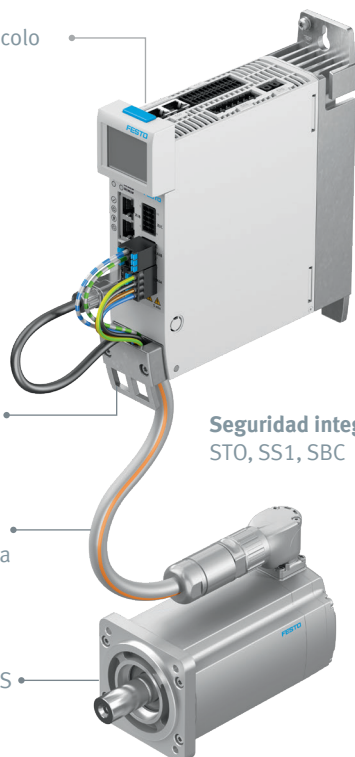


Bus de campo multiprotocolo

Servidor web para una fácil duplicación de drive

Cable de motor NEBM con conector de cuarto de vuelta robusto y fácil de usar

Motor EMMT-AS



Seguridad integrada: STO, SS1, SBC

Pedido – EMMT-AS motores

| Corriente nominal | Tensión nominal de entrada | | Corriente nominal | Tensión nominal de entrada | |
|-------------------|----------------------------|--|-------------------|----------------------------|--|
| | Monofásico 100...230 V AC | | | 3-fase 200...480 V AC | |
| | 3A-MP-S1 | | 11A-P3-MP-S1 | | |
| 2 A | 8143163 | | 2 A | 8143165 | |
| 4 A | 8143164 | | 3 A | 8143166 | |
| | | | 5 A | 8143167 | |
| | | | 7 A | 8143168 | |
| | | | 12 A | 8143169 | |

Pedido – Motores EMMT-AS

| Tamaño de motor | Tamaño de brida | | | | | | | | | |
|-----------------|-----------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| | 60 | | | | 80 | | | | 100 | |
| | LS-RM | LS-RMB | HS-RM | HS-RMB | LS-RM | LS-RMB | HS-RM | HS-RMB | HS-RM | HS-RMB |
| Corto [S] | 5242197 | 5242199 | 5242201 | 5242203 | 5255426 | 5255428 | 5255430 | 5255432 | 5255521 | 5255529 |
| Mediano [M] | 5242205 | 5242207 | 5242209 | 5242211 | 5255434 | 5255436 | 5255438 | 5255440 | 5255531 | 5255533 |
| Largo [L] | 5242213 | 5242215 | 5242217 | 5242219 | 5255442 | 5255444 | 5255446 | 5255448 | 5255535 | 5255537 |
| Muy largo [H] | | | | | | | 8172104 | 8172026 | 8182016 | 8182014 |

Pedido – Accesorios

| Longitud del cable | Cables del motor - NEBM | | Tamaño del motor | Relación de engranajes | Reductores EMGA |
|--------------------|-------------------------|---------|------------------|------------------------|-----------------|
| | Q7 | Q9 | | | |
| 2.5 m | 5251374 | 5251381 | 60 | 3:1 | 2297686 |
| 5 m | 5251375 | 5251382 | | 5:1 | 2297687 |
| 7.5 m | 5251376 | 5251383 | 80 | 3:1 | 2297690 |
| 10 m | 5251377 | 5251384 | | 5:1 | 2297691 |
| 15 m | 5251378 | 5251385 | 100 | 3:1 | 552194 |
| 20 m | 5251379 | 5251386 | | 5:1 | 552195 |

| 001 | 002 | 003 | 004 | 005 | 006 | 007 |
|------|------|-----|-----|-------------------------|-----|-----|
| CMMT | AS | | | | MP | S1 |
| 003 | Tipo | 004 | | Tensión de alimentación | | |
| C2 | 2 A | 3A | | 100...230 V AC | | |
| C3 | 3 A | 11A | | 200...480 V AC | | |
| C4 | 4 A | 005 | | Número de fases | | |
| C5 | 5 A | | | Monofásico | | |
| C7 | 7 A | P3 | | 3-fase | | |
| C12 | 12 A | | | | | |

| 001 | 002 | 003 | 004 | 007 | 008 | 009 | 010 |
|------|----------------------|-----|-----|------------------------|-----|-----|-----|
| EMMT | AS | | | | R | | |
| 003 | Tamaño de brida [mm] | 007 | | Bobinados | | | |
| --- | 60, 80, 100 | LS | | Baja tensión, estándar | | | |
| | | HS | | Alta tensión, estándar | | | |
| 004 | Longitud | 009 | | Encoder absoluto | | | |
| S | Corto | S | | Absoluto, monovuelta | | | |
| M | Mediano | M | | Absoluto, multivuelta | | | |
| L | Largo | | | | | | |
| H | Muy largo | 010 | | Freno | | | |
| | | | | Sin freno | | | |
| | | B | | con freno | | | |

Utilice el Dimensionamiento de Movimiento Eléctrico (EMS) para seleccionar el eje servo adecuado para su aplicación

→ www.festo.com/EMS



| Resistencia [Ω] | Potencia nominal [W] | Resistencias de frenado CACR |
|-----------------|----------------------|------------------------------|
| 72 | 150/120 | 1336611 |
| 100 | 150/120 | 1336615 |
| 67 | 720 | 1336617 |
| 100 | 720 | 8091545 |
| 240 | 120 | 8091543 |
| 240 | 720 | 8091544 |
| 120 | 50 | 2882342 |
| 480 | 40 | 2882343 |



Servo drives de CC - CMMT-ST and motor - EMMT-ST

EtherNet/IP™

EtherCAT®

Modbus

PROFINET

Bus de campo multiprotocolo

Servidor web para una fácil duplicación de drive

Seguridad integrada: STO, SS1

Encoder absoluto

- No requiere batería, multivuelta
- Monovuelta

Cable de motor NEBM con conector de cuarto de vuelta robusto y fácil de usar

Motor paso a paso EMMT-ST con encoder

| | | | | | |
|------|-----|-----|-----|-----|-----|
| 001 | 002 | 003 | 004 | 005 | 006 |
| CMMT | ST | C8 | 1C | MP | S0 |

| | |
|------|-------------------|
| 001 | Tipo |
| CMMT | DC servo drive |
| 002 | Tipo de motor |
| ST | Motor paso a paso |
| 003 | Corriente nominal |
| C8 | 8 A |

| | |
|-----|----------------------|
| 004 | Tipo de motor |
| 1C | 24...48 V DC |
| 005 | Bus de campo |
| MP | Multiprotocolo |
| 006 | Función de seguridad |
| S0 | STO/SS1 |

| | | | | | | |
|------|-----|-----|-----|-----|-----|-----|
| 001 | 002 | 003 | 004 | 005 | 006 | 007 |
| EMMT | ST | | | R | | |

| | |
|-----|----------------------|
| 003 | Tamaño de brida [mm] |
| --- | 42, 57, 87 |
| 004 | Longitud |
| S | Corto |
| M | Mediano |
| L | Largo |

| | |
|-----|-----------------------|
| 006 | Encoder absoluto |
| S | Absoluto, monovuelta |
| M | Absoluto, multivuelta |

| | |
|-----|-----------|
| 007 | Freno |
| | No freno |
| B | con freno |

Pedido – Servo drives de CC CMMT-ST

| Corriente nominal | Tensión nominal de entrada |
|-------------------|----------------------------|
| | 24...48 V DC |
| 8 A | 8163946 |

Pedido – Motores EMMT-ST

| Tamaño del motor | Encoder / freno | Longitud del motor | | |
|------------------|-----------------|--------------------|-------------|-----------|
| | | Corto [S] | Mediano [M] | Largo [L] |
| 42 | RS | 8156162 | | 8156168 |
| | RM | 8156163 | | 8156169 |
| | RSB | 8156165 | | 8156171 |
| | RMB | 8156166 | | 8156172 |
| 57 | RS | | 8156174 | 8156180 |
| | RM | | 8156175 | 8156181 |
| | RSB | | 8156177 | 8156183 |
| | RMB | | 8156178 | 8156184 |
| 87 | RS | 8156186 | 8156192 | 8156198 |
| | RM | 8156187 | 8156193 | 8156199 |
| | RSB | 8156189 | 8156195 | 8156201 |
| | RMB | 8156190 | 8156196 | 8156202 |

Utilice el Dimensionamiento de Movimiento Eléctrico (EMS) para seleccionar el eje servo adecuado para su aplicación

→ www.festo.com/EMS



Pedido – Motores EMMT-ST

| Longitud del cable | Cables de motor - NEBM | |
|--------------------|------------------------|---------|
| | Q6 | Q7 |
| 2.5 m | 8181670 | 8195458 |
| 5 m | 8181668 | 8195459 |
| 7.5 m | 8190096 | 8195460 |
| 10 m | 8195457 | 8195461 |

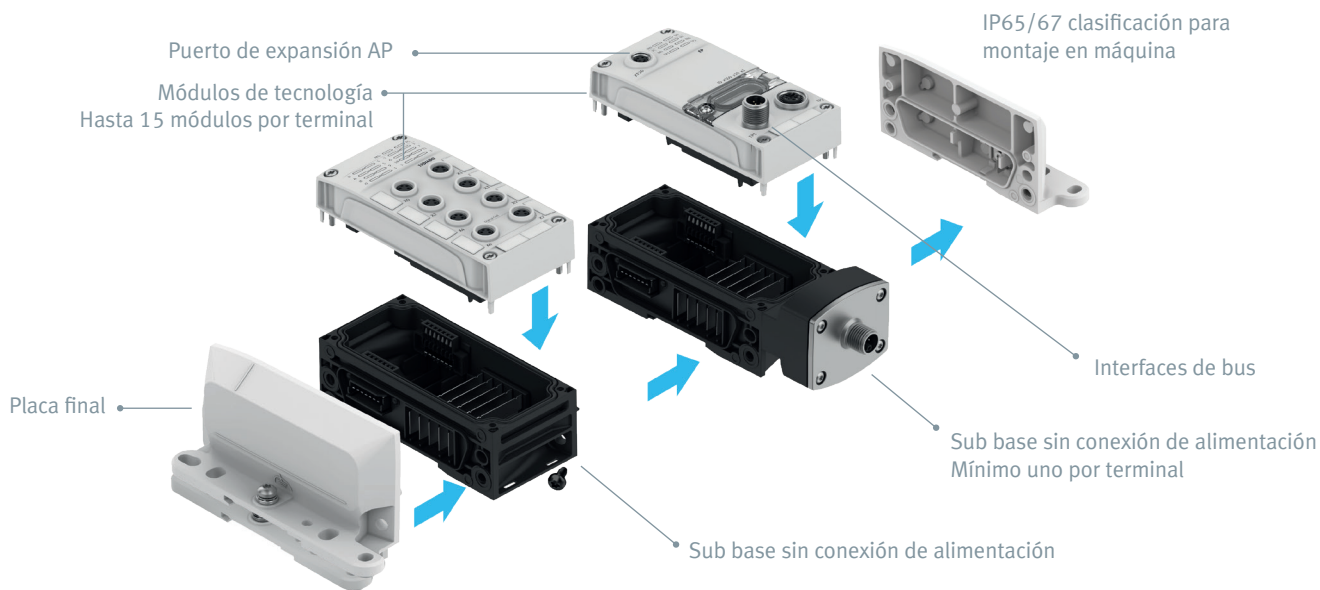
| Tamaño del motor | Relación de engranajes | Reductores - EMGA |
|------------------|------------------------|-------------------|
| 42 | 3:1 | 549428 |
| | 5:1 | 549429 |
| 57 | 3:1 | 549430 |
| | 5:1 | 549431 |
| 87 | 3:1 | 549432 |
| | 5:1 | 549433 |

| Resistencia [Ω] | Potencia nominal [W] | Resistencias de frenado - CACR |
|-----------------|----------------------|--------------------------------|
| 6 | 60 | 8189339 |



Terminales de E/S remotas centralizadas – CPX-AP-A

E/S remota



Interfases de bus

| Protocolo de bus | Número de parte |
|---|-----------------|
| Interfaz PROFINET | 8129241 |
| Interfaz EtherCAT | 8129243 |
| Interfaz EtherNet/IP (incl. Modbus TCP) | 8129244 |

Módulos de E/S

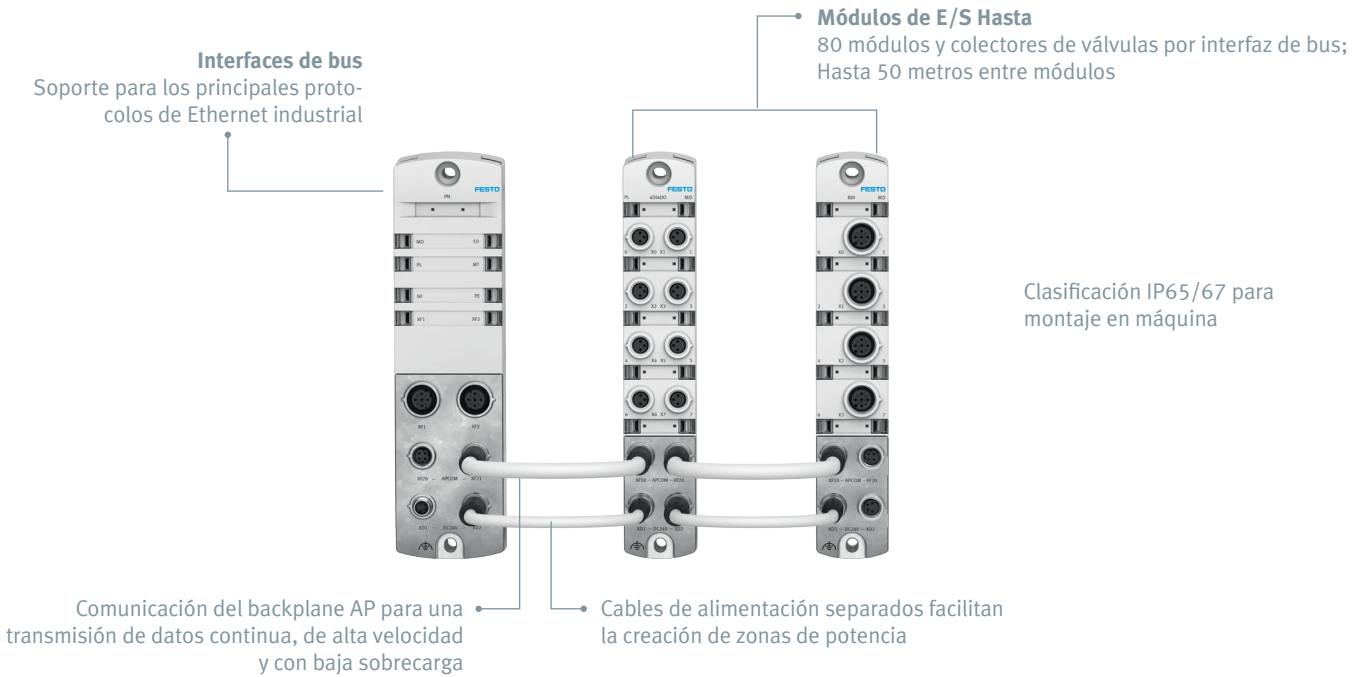
| Tipo de módulo | Tipo de conector | | |
|--|------------------|---------|----------------------------------|
| | M12 | M8 | Push-in (con resorte tipo jaula) |
| 8 entradas digitales | 8129109 | 8129103 | 8129106 |
| 16 entradas digitales | 8129112 | - | - |
| 12 entradas digitales, 4 salidas digitales | 8129111 | 8129105 | 8129108 |
| 8 salidas digitales | 8129110 | 8129104 | 8129107 |
| 8 salidas digitales de alta corriente | 8175409 | - | - |
| 4 entradas analógicas | 8129113 | - | - |
| IO-Link maestro, 4 puertos tipo B | 8129114 | - | - |

Sub-bases

| Tipo de módulo | Tipo de conector | | | | |
|------------------------------------|------------------|----------------|---------------|----------------|---------|
| | M18 | 7/8" (5-pines) | M12 (5-pines) | AIDA Push-pull | - |
| Sin suministro | - | - | - | - | 8129251 |
| Suministro del sistema | 8129254 | 8129255 | 8129256 | 8129253 | - |
| Suministro del sistema con reenvío | - | - | 8129261 | - | - |
| Solo reenvío | - | - | - | 8169617 | - |
| Zona de potencia a la derecha | 8129258 | 8129259 | 8129260 | 8129257 | - |
| Zona de potencia a la izquierda | - | - | 8129263 | 8129262 | - |



Módulos de E/S remotas descentralizadas – CPX-AP-I



Interfaces de bus

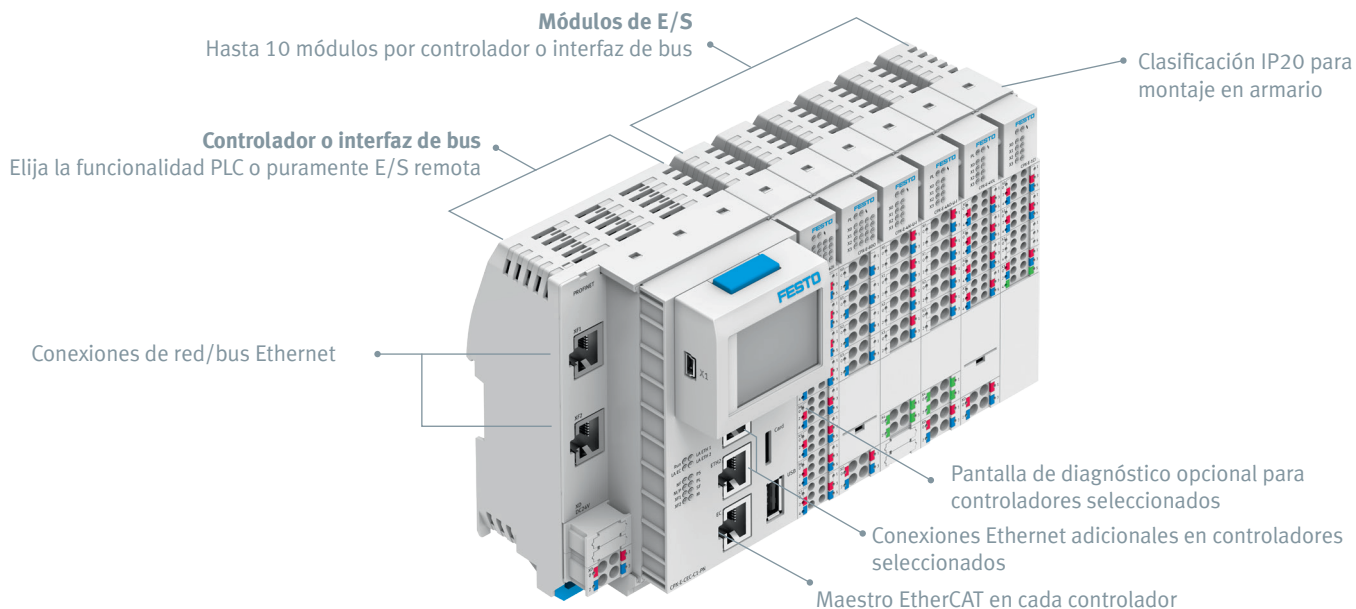
| Protocolo de bus | Número de parte |
|---|-----------------|
| Interfaz PROFINET | 8086607 |
| Interfaz EtherCAT | 8086609 |
| Interfaz EtherNet/IP (incl. Modbus TCP) | 8086610 |

Módulos de E/S remotas

| Tipo de módulo | M8 conector, 3 pines | M12 conector, 5 pines |
|---|----------------------|-----------------------|
| 4 entradas digitales | 8086605 | - |
| 8 entradas digitales | 8086600 | 8086602 |
| 8 alidas digitales | 8179438 | 8179439 |
| 4 entradas digitales, 4 salidas digitales | 8086601 | 8086603 |
| 4 entradas analógicas | - | 8086606 |
| IO-Link maestro, 4 puertos tipo B | - | 8086604 |



I/O Remoto dentro del gabinete y controladores – CPX-E



Controladores

Para aplicaciones que requieren funcionalidad PLC y/o control de movimiento

| Versión de software | Interfaces de bus | | |
|--------------------------|-------------------|----------|------------------------------|
| | - | PROFINET | EtherNet/IP (con Modbus TCP) |
| CODESYS V3 | 5226780 | 4252741 | 4252742 |
| CODESYS V3 w/ SoftMotion | 5266781 | 4252743 | 4252744 |

Interfaces de campo

Para aplicaciones que requieren solo E/S remotas

| PROFINET | EtherCAT | EtherNet/IP (con Modbus TCP) |
|----------|----------|------------------------------|
| 4080497 | 4080498 | 4080499 |

Módulos de E/S

Hasta 10 módulos por controlador o interfaz de bus

| Tipo | No. Pte. |
|---------------------------------------|----------|
| 16 entradas digitales | 4080492 |
| 8 salidas digitales | 4080491 |
| 1 contador digital/entrada de encoder | 4827505 |
| 4 entradas analógicas | 4080493 |
| 4 salidas analógicas | 4080494 |
| IO-Link maestro, 4 puertos | 4080495 |



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