



M12/M8 Connectivity

Food & Beverage Range

M12, 3 pole, 0°, male to M8, 3 pole, 0°, female connector lead for the Food & Beverage Industry

Stock No's 154-7762, 154-7763



Primary Features

V4A Stainless steel hexagonal nut means there are minimum traps for debris to collect

IP65, IP68 when inserted and tightened

CSA and Ecolab approved

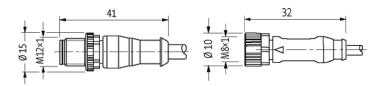
Available in lengths:

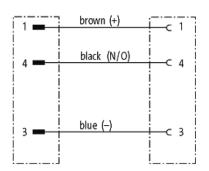
2 Metres (RS 154-7762)

5 Metres (RS 154-7763)









Male

Female



3 0 0





Cable	154-7762, 154-7763	
Cable identification	210	
Cable type	1 (PVC)	
Approval (cable)	UL (AWM-Style 2464/1731), CSA	
Cable weight[g/m]	29,37	
Material (wire)	Cu wire, bare	
Resistor (core)	max. 79 Ohm/km (20 °C)	
Single wire Ø (core)	0.15 mm	
Construction (core)	14 × 0.15 mm (multi-strand wire class 5)	
Diameter (core)	3 × 0.25 mm²	
AWG	similar to AWG 24	
Material (wire isolation)	PVC	
Material property (wire isolation)	CFC-, cadmium-, silicone- and lead-free	
Shore hardness (wire isolation)	45 ±5 D	
Wire-Ø incl. isolation	1.25 mm ±5%	
Color/numbering of wires	br, bk, bl	
Stranding combination	3 wires twisted	
Shield	no	
Material (jacket)	PVC	
Material property (jacket)	CFC-, cadmium-, silicone- and lead-free	
Shore hardness (jacket)	85 ±5 A	
Outer-Ø (jacket)	4.5 mm ±5%	
Color (jacket)	gray	
chemical resistance	good resistance to oil, gasoline and chemicals	
Nominal voltage	UL 300 V AC	
Testvoltage	2000 V AC	
Current load capacity	to DIN VDE 0298-4	
Temperature range (fixed)	-30+80 °C	
Temperature range (mobile)	-5+80 °C	
Bend radius (fixed)	5 × outer Ø	
Bend radius (moving)	10 × outer Ø	



Material (gasket)

Pollution Degree

Stripping length (jacket)



Cable continued	15	54-7762, 154-7763
No./diameter of wires	3 × 0.25 mm ²	
Wire isolation	PVC (br, bl, bk)	
Jacket Color	gray	
Material (jacket)	PVC (UL/CSA)	
Outer Ø	4.5 mm ±5%	
Bend radius (moving)	10 × outer Ø	
Temperature range (fixed)	-30+80 °C	
Temperature range (mobile)	-5+80 °C	
Technical Data		
Operating voltage	max. 60 V AC/DC	
Rated surge voltage	1.5 kV	
Operating current per contact	max. 4 A	
No. of poles	3	
Material group	IEC 60664-1, category I	
Locking of ports	Screw thread M8 \times 1 mm (recommended torque 0.4 Nm) self-securing	
Compression gland	M8 (SW9), M12 (SW13)	
Protection	IP65, IP66K, IP67, IP68 inserted and tightened (EN 60529)	
Material	PUR	
Locking material	Stainless Steel 1.4404 (V4A)	
suitable for corrugated tube (internal Ø)	M12 (10 mm); M8 (6.5 mm)	
Mounting method	inserted, tightened	
Material (contact)	Copper alloy	
Material (contact surface)	Au	

FKM

20 mm

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