

M12 Push-Pull Circular Connectors **multicomp** PRO

**RoHS
Compliant**



Material and Specifications

Coupling	Push-pull
Shell Material	Brass with chrome plating
Insert Material	PPS, Max. Temperature 260°C
Contact Material	Brass with gold plating
Termination	Solder
IP Rating	IP67
Mating Cycle	500
Temperature Range	-40°C to +85°C
Insulation Resistance (MΩ)	2000

Solder Contact Specifications

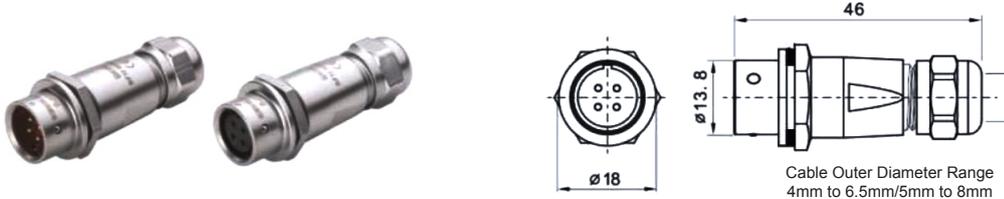
Number of Contact	2	4	5	7
Male Contact Face View				
Rated Current (A)	13	5	5	5
Contact Diameter (mm)	1.6	1	1	1
Rated Voltage (AC. V)	250	200	180	125
Test Voltage (AC. V) 1 min.	1500	1500	1000	1000
Contact Resistance (mΩ)	2.5	5	5	5
Wire Size (mm ² /AWG)	≅2/14	≅0.75/18	≅0.75/18	≅0.75/18

Diagram

Cable Mount Connector



In-line Cable Mount Connector



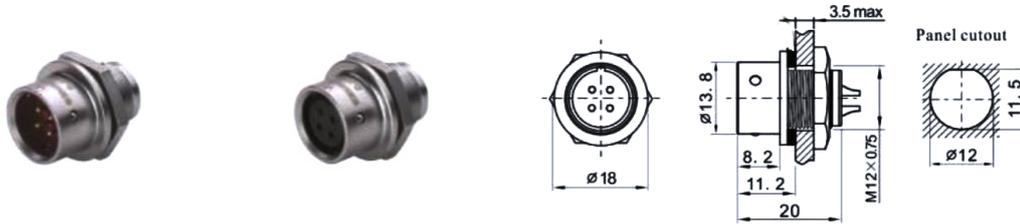
Dimensions : Millimetres

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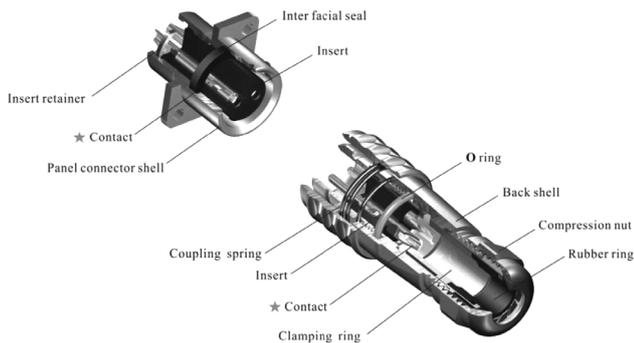
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Rear Panel Mount Connector



Dimensions : Millimetres



*Each Side can be male or female contact

Specification Table

Cable Mount Connector				In-line Cable Mount Connector			Rear Panel Mount Connector	
Cable Mount Plug				Cable Mount Receptacle			Panel Mount Receptacle	
Part Number	Contact Gender	Cable Outer Dia. (mm)	No. of Contacts	Part Number	Contact Gender	Cable Outer Dia. (mm)	Part Number	Contact Gender
MP002731	Pin	4 to 6.5	2	MP002743	Socket	4 to 6.5	MP002751	Socket
MP002732	Pin		4	MP002744	Socket		MP002752	Socket
MP002733	Pin	5 to 8	5	MP002745	Socket	5 to 8	MP002753	Socket
MP002734	Pin		7	MP002746	Socket		MP002754	Socket
MP002735	Socket	4 to 6.5	2	MP002739	Pin	4 to 6.5	MP002747	Pin
MP002736	Socket		4	MP002740	Pin		MP002748	Pin
MP002737	Socket	5 to 8	5	MP002741	Pin	5 to 8	MP002749	Pin
MP002738	Socket		7	MP002742	Pin		MP002750	Pin

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