

M12 Panel Mount Connectors

4, 5 and 8 Pole Back Mount




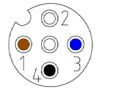

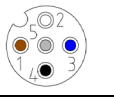

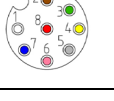
Solder Connections



PCB Connections



With 200mm Wire

Part Numbers				
Connection Type		Solder	PCB	With Wire
Mounting Hole		Pg9 / .60" / 15.2mm	Pg9 / .60" / 15.2mm	Pg9 / .60" / 15.2mm
Type		Back Mount	Back Mount	Back Mount
Cable Length				7.9" (200mm)
4 Pole Male		12MR4-000	12MS4-000	12MR4-A0B
4 Pole Female		12FR4-000	12FS4-000	12FR4-A0B
5 Pole Male		12MR5-000	12MS5-000	12MR5-A0B
5 Pole Female		12FR5-000	12FS5-000	12FR5-A0B
8 Pole Male		12MR8-000	12MS8-000	12MR8-A0B
8 Pole Female		12FR8-000	12FS8-000	12FR8-A0B
Technical Information				
Operating Voltage	250 VAC / 300 VDC	Contact Resistance	≤ 6 MΩ	
Operating Current	4 A	Male Pin Dimension	1 mm (8 pole = 0.9mm)	
Protection Rating	IP 67	Female Contact Material	Phosphorous Bronze	
Operating Temperature	-25° C to +85° C	Female Contact Plating	Nickel + 0.3 μm AU Gold	
Housing Material	Nylon 6 + 30% Glass fiber	Male Contact Material	Brass	
Overmolding Material	Polyurethane	Male Contact Plating	Nickel + 0.3 μm AU Gold	