M12-Receptacle Connectors In Accordance With IEC 61076-2-101

FWD 5 | FWD 5B

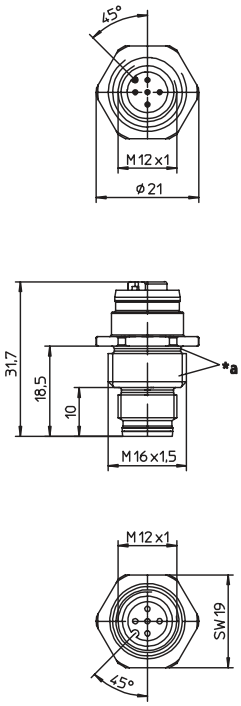


Male, 5-Pole

Receptacle connector, combined FIXCON/M12 male connector to combined FIXCON/M12 female connector.

– especially designed for use as panel feed through –

FWD 5 | FWD 5B



Pin Assignments

Face Views / M12

Male Connector : 5 poles	Female Connector: 5 poles	Male Connector: 5 poles B Coding	Female Connector: 5 poles B Coding
			



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Technical Data

Environmental

Degree of protection	IP 67 / NEMA 6P
Operating temperature range	-25°C (-13°F) / +80°C (+176°F)

Mechanical

Housing / Molded body	CuZn, nickel-plated
Insert Male connector	PA 6.6
Insert Female connector	TPU, self-extinguishing
Contact	CuZn, pre-nickeled and 0.8 microns gold-plated
O-ring	FKM

Electrical

Contact resistance	≤ 5 mΩ
Nominal current at 40°C	4 A
Nominal voltage	60 V
Test voltage	1.5 kV eff. / 60 s
Insulation resistance	> 10^9 Ω
Pollution degree	3

Part Number	Pins	Characteristics
FWD 5	**5**	
FWD 5B	**5B**	