

M12 D-Code 4Pin female panel mount connector molded with 4x22AWG PROFINET cable

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Part No.: MC04P2LSDSB-22RKxx

Contacts Poles: 04 Pin

Connector Gender: Female connector

Current Rating: 4 A

Wire Gauge (size): 22AWG/ 0.34mm²

Keyway Coding: D-Coding

EMC Shielding: 360° fully shielded

Product data

Contacts Poles:	04 Pin	Cable Length:	Customized lengths
Connector Gender:	Female connector	Current Rating:	4 A
Wire Gauge (size):	22AWG/ 0.34mm ²	Voltage Rating:	250V
Wire Insulation:	PVC	Keyway Coding:	D-Coding
EMC Shielding:	360° fully shielded	Straight/ 90° Angled:	180° Straight
Cable Color:	Black, Green	Contacts Termination:	Soldering
Temperature Rating:	-25°C ~ + 80°C	Contacts Material:	Phosphor bronze, machined solid pin
Cable Flamability:	VW-1	Contacts Plating:	3μ" Gold plating thickness
Inserts:	PA66 + GF	Sealing:	Epoxy resin, O-Ring
Overmolding:	TPU	Housing/ Outer Shell:	Brass with nickel plating
Locking Screws:	Brass with nickel plated	Contact Resistance:	≤5mΩ
Panel Cut Size:	PG9, M16x1.5	Insulation Resistance:	≥ 100 MΩ
Protection Degree:	IP 67	Pollution Degree:	III
Connector Flamability:	UL94 V0	Waterproof Depth:	IP67 1m depth 30 minutes, IP69K against high pressure/ steam jet
Plug Mating Life:	500 times	Warranty:	2-years quality guarantee period
Compliance:	RoHS compliant, REACH compliant	Reference Standard:	IEC 61076-2-101
Products Certification:	UL Certified, CE/ EMC, IP67, IP69K	Connector Type:	Panel mount receptacle
Panel locking side:	Front side fastening the nut		

Description

The M12 metric size D-Coding connectors, it is commonly used connector in the Fieldbus cabling system, mainly designed and developed for industrial Ethernet/ Profinet cabling. M12 D-Coding connector designed with double keyway coding structure which differentiates itself from A, B, C, S, T, K, L-Codings.

- Cable plugs, field installable plugs, panel receptacles are available
- Cable length, LSZH, NFPA130 railway cable upon customer requesting
- Degree of protection IP67
- 4 poles per connector
- Operating voltage 250V; Current range: 4A
- 360° EMI-Shielded
- Anti-vibration locking screw design