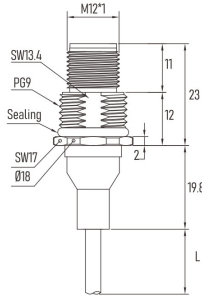


## M12 D-Code 4Pin male panel mount connector assembled with 4x22AWG PROFINET cable

Please be informed that the data shown in this PDF document is generated from our Online Catalog for reference only, for detailed technical information please contact our sales!



**Part No.:** MC04P1LSDSB-xxRGxx

**Contacts Poles:** 04 Pin

**Connector Gender:** Female connector

**Cable Jacket:** PUR, halogen-free, Custom cable

**Current Rating:** 4 A

**Wire Gauge (size):** 22AWG/ 0.34mm<sup>2</sup>

**Keyway Coding:** D-Coding

**EMC Shielding:** 360° fully shielded

### Product data

Contacts Poles:	04 Pin	Cable Length:	Customized lengths
Connector Gender:	Female connector	Cable Jacket:	PUR, halogen-free, Custom cable material
Current Rating:	4 A	Wire Gauge (size):	22AWG/ 0.34mm <sup>2</sup>
Voltage Rating:	250V	Wire Insulation:	PVC
Keyway Coding:	D-Coding	EMC Shielding:	360° fully shielded
Straight/ 90° Angled:	180° Straight	Contacts Termination:	Soldering
Temperature Rating:	-25°C ~ + 80°C	Contacts Material:	Brass, machined solid pin
Cable Flamability:	VW-1	Contacts Plating:	3μ" Gold plating thickness
Inserts:	PA66 + GF	Sealing:	Epoxy resin, O-Ring
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