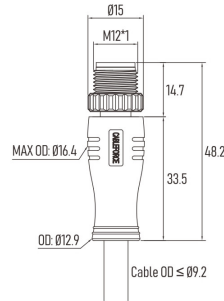


## M12 D-Code 4Pin male straight connector molded with 4x22AWG Profinet/Ethernet cable

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.:** MC04C1LSDSB-22xx xx-PFN  
**Contacts Poles:** 04 Pin  
**Connector Gender:** Male connector  
**Cable Jacket:** PVC, PUR, halogen-free, Custom  
**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:	Male connector	Cable Jacket:	PVC, PUR, halogen-free, Custom cable material
Current Rating:	4 A	Wire Gauge (size):	22AWG/ 0.34mm <sup>2</sup>
Voltage Rating:	60V, 250V	Wire Insulation:	HDPE
Keyway Coding:	D-Coding	EMC Shielding:	360° fully shielded
Straight/ 90° Angled:	180° Straight	Cable Color:	Black, Green, Lake blue (dark green)
Contacts Termination:	Soldering	Temperature Rating:	-25°C ~ + 70°C, -40°C ~ + 80°C
Contacts Material:	Brass, machined solid pin	Cable Flamability:	VW-1, CM
Contacts Plating:	3μ" Gold plating thickness	Cable Features:	UV-Resistant, Anti-Vibration, Hydrolysis resistant, Oil resistant
Inserts:	TPU + GF	Sealing:	O-Ring
Overmolding:	TPU	Locking Screws:	Brass with nickel plated
Contact Resistance:	≤5mΩ	Insulation Resistance:	≥ 100 MΩ
Protection Degree:	IP 67	Pollution Degree:	III
Connector Flamability:	UL94 V0, UL94 HB	Waterproof Depth:	IP67 1m depth 30 minutes
Plug Mating Life:	500 times	Warranty:	2-years quality guarantee period
Compliance:	RoHS compliant, REACH compliant	Reference Standard:	IEC 61076-2-101, Profinet, EtherCAT
Products Certification:	CE/ EMC, IP67	Connector Type:	Cable molding type (extension cable)

### 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