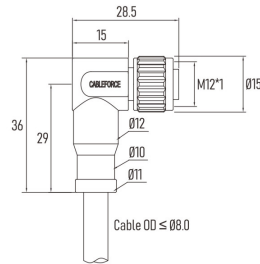


M12 D-Code 4Pin female right angled connector molded with 4x22AWG Profinet/Ethernet cable

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.: MC04C2RSDSB-22xx xx-PFN

Contacts Poles: 04 Pin

Connector Gender: Female connector

Cable Jacket: PVC, PUR, halogen-free, Custom

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 | Cable Jacket: | PVC, PUR, halogen-free, Custom cable material |
| Current Rating: | 4 A | Wire Gauge (size): | 22AWG/ 0.34mm ² |
| Voltage Rating: | 60V, 250V | Wire Insulation: | HDPE |
| Keyway Coding: | D-Coding | EMC Shielding: | 360° fully shielded |
| Straight/ 90° Angled: | 90° right angled | Cable Color: | Black, Green, Lake blue (dark green) |
| Contacts Termination: | Soldering | Temperature Rating: | -25°C ~ + 70°C, -40°C ~ + 80°C |
| Contacts Material: | Phosphor bronze, 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