

## M12 D-Code 4Pin male-female in one, through wall type, panel mount, PG9

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**Part No.:** MC04P7DBP9  
**Contacts Poles:** 04 Pin  
**Connector Gender:** Male to female connector, c  
**Current Rating:** 4 A  
**Keyway Coding:** D-Coding  
**EMC Shielding:** 360° fully shielded

### Product data

|                         |                                    |                        |  |
|-------------------------|------------------------------------|------------------------|--|
| Contacts Poles:         | 04 Pin                             | Connector Gender:      | Male to female connector, double ended                           |
| Current Rating:         | 4 A                                | Voltage Rating:        | 250V   |
| Keyway Coding:          | D-Coding                           | EMC Shielding:         | 360° fully shielded  |
| Straight/ 90° Angled:   | 180° Straight                      | Contacts Termination:  | PCB dip soldering  |
| Temperature Rating:     | -40°C ~ + 105°C                    | Contacts Material:     | Phosphor bronze, machined solid pin                              |
| 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                                | 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