

## 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