

M12 D-Coded Panel-Mount Receptacle, PCB Pins

M12 × 1.0 D-coded panel-mount receptacle with PCB pins. Male or female; straight front or rear mount, or right-angle front mount. 4 pins. Common for industrial Ethernet.



ORDERING CODE

M12D-4P-[M/F]-[ST/RA]-[FR/RR]-PCB-[PG9/M16/M12]

CONNECTOR

M12 × 1.0, D-coded, male or female

MOUNTING

Straight front or rear mount, or right-angle front mount

PINS

4

PANEL THREAD

PG9 or M16 or M12 (see notes)

TERMINATION

PCB pins

CONSTRUCTION

Standard IEC 61076-2-101

Termination PCB pins

Locking M12 × 1.0 screw

Contacts Brass, gold plated

Nut and shell Brass, nickel plated

Insert TPU

Seal FKM

RATINGS

4-pin D-coded 250 V · 4 A

GENERAL

Operating temp. -25 to +85 °C

Current rating at 40 °C

Insulation resist. ≥ 100 MΩ

Contact resist. ≤ 5 mΩ

Mating cycles > 100

Compliance RoHS / REACH

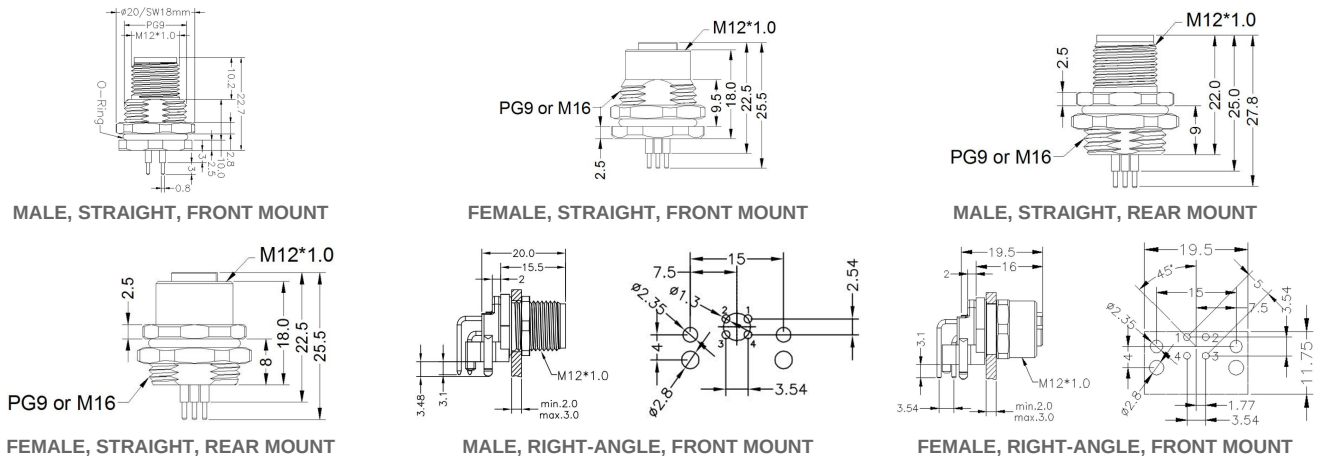
BUILT TO ORDER

Standard versions ship in about 5 to 6 weeks. Request a quote on formrep.com or call 816-782-7800.

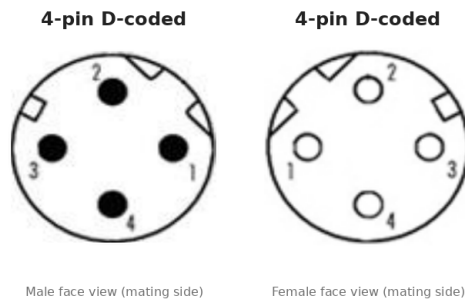
NEED SOMETHING DIFFERENT?

Other lead lengths, threads and codings may be available. Ask for a made-to-fit quote.

Dimensions, pin layout and ordering



PIN LAYOUT, FACE VIEW (MATING SIDE); MALE LEFT, FEMALE RIGHT



ORDERING CODE

M12D	-	4P	-	M	-	ST	-	FR	-	PCB	-	PG9
M12 D-coded		4 pins		M = male, F = female		ST or RA head		FR = front, RR = rear mount		PCB pins		PG9/M16/M12 thread

Example: M12D-4P-M-ST-FR-PCB-PG9 = 4-pin D-coded male straight, front mount receptacle, PCB pins, PG9 thread.

STANDARD CONFIGURATIONS (10)

M12D-4P-M-ST-FR-PCB-PG9	M12D-4P-F-ST-FR-PCB-M16	M12D-4P-F-ST-RR-PCB-PG9	M12D-4P-F-RA-FR-PCB-M12
M12D-4P-M-ST-FR-PCB-M16	M12D-4P-M-ST-RR-PCB-PG9	M12D-4P-F-ST-RR-PCB-M16	
M12D-4P-F-ST-FR-PCB-PG9	M12D-4P-M-ST-RR-PCB-M16	M12D-4P-M-RA-FR-PCB-M12	