

M12 B-Coded Panel-Mount Receptacle, PCB Pins

M12 × 1.0 B-coded panel-mount receptacle with PCB pins. Male or female; straight front or rear mount. 5 pins. For fieldbus networks.



ORDERING CODE

M12B-5P-[M/F]-ST-[FR/RR]-PCB-[PG9/M16]

CONNECTOR

M12 × 1.0, B-coded, male or female

MOUNTING

Straight front or rear mount

PINS

5

PANEL THREAD

PG9 or M16

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

5-pin B-coded	60 V · 4 A
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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

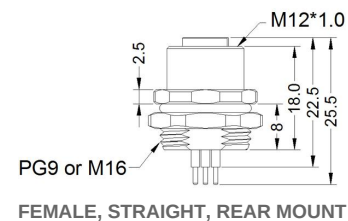
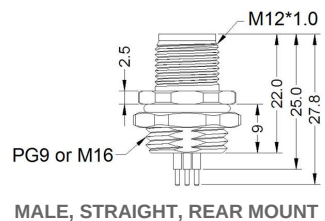
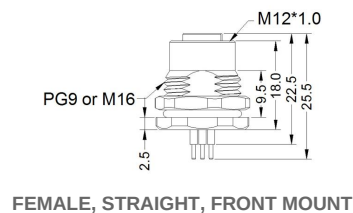
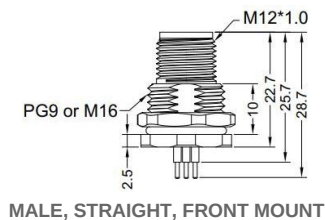
BUILT TO ORDER

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

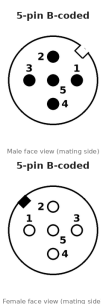
NEED SOMETHING DIFFERENT?

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

Dimensions, pin layouts and ordering



PIN LAYOUTS, FACE VIEW (MATING SIDE); MALE TOP ROW, FEMALE BOTTOM ROW



ORDERING CODE

M12B	-	5P	-	M	-	ST	-	FR	-	PCB	-	PG9
M12 B-coded		pins: 5		M = male, F = female		ST or RA head		FR = front, RR = rear mount		PCB pins		PG9/M16 thread

Example: M12B-5P-M-ST-FR-PCB-PG9 = 5-pin B-coded male straight, front mount receptacle, PCB pins, PG9 thread.

STANDARD CONFIGURATIONS (8)

M12B-5P-M-ST-FR-PCB-PG9	M12B-5P-F-ST-FR-PCB-PG9	M12B-5P-M-ST-RR-PCB-PG9	M12B-5P-F-ST-RR-PCB-PG9
M12B-5P-M-ST-FR-PCB-M16	M12B-5P-F-ST-FR-PCB-M16	M12B-5P-M-ST-RR-PCB-M16	M12B-5P-F-ST-RR-PCB-M16