

M12 B-Coded Field-Attachable Connector, Solder Termination

Solder-termination M12 × 1.0 B-coded connector you wire onto your own cable. Male or female, straight or right-angle, 5 pins; PG7 or PG9 cable entry.



ORDERING CODE

M12B-5P-[M/F]-[ST/RA]-FA-[PG7/PG9]

CONNECTOR

M12 × 1.0, B-coded, male or female

HEAD

Straight or right-angle

PINS

5

CABLE ENTRY

PG7: 4 to 6 mm cable · PG9: 6 to 8 mm cable

WIRE RANGE

0.14 to 0.75 mm² (26 to 18 AWG), solder

CONSTRUCTION

Standard	IEC 61076-2-101
Termination	Solder
Wire range	0.14 to 0.75 mm ² (26 to 18 AWG)
Contacts	Brass, gold plated
Coupling nut	Brass, nickel plated
Housing	Plastic, black
Insert	TPU
Seal	FKM
Cable OD	4.0 to 8.0 mm

RATINGS

5-pin B-coded 60 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

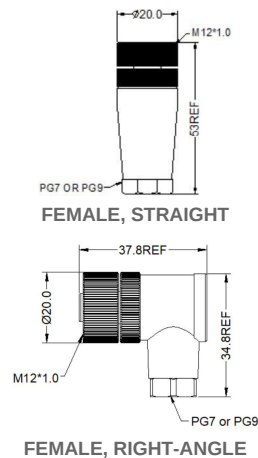
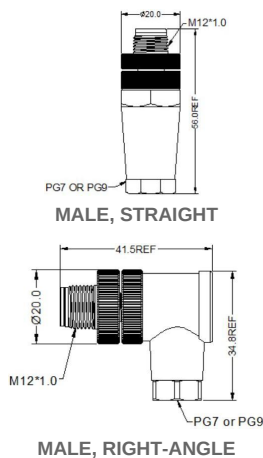
BUILT TO ORDER

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

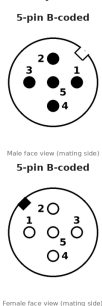
NEED A FINISHED CABLE?

We also offer overmolded M12 B-coded cables in 1 to 10 m lengths. 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	-	FA	-	PG7
M12 B-coded		pins: 5		M = male, F = female		ST = straight, RA = right-angle		field-attachable		PG7 or PG9 entry

Example: M12B-5P-M-ST-FA-PG7 = 5-pin B-coded male straight field-attachable connector, PG7 cable entry.

STANDARD CONFIGURATIONS (8)

M12B-5P-M-ST-FA-PG7	M12B-5P-F-ST-FA-PG7	M12B-5P-M-RA-FA-PG7	M12B-5P-F-RA-FA-PG7
M12B-5P-M-ST-FA-PG9	M12B-5P-F-ST-FA-PG9	M12B-5P-M-RA-FA-PG9	M12B-5P-F-RA-FA-PG9