

M12 D-Coded Field-Attachable Connector, Metal, Shielded

Solder-termination M12 × 1.0 D-coded connector you wire onto your own cable. Male or female, straight or right-angle, 4 pins; PG7 or PG9 cable entry. Metal, shielded housing.



ORDERING CODE

M12D-4P-[M/F]-[ST/RA]-FAS-[PG7/PG9]

CONNECTOR

M12 × 1.0, D-coded, male or female

HEAD

Straight or right-angle

PINS

4

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	Metal, nickel plated, shielded
Insert	TPU
Seal	FKM
Cable OD	4.0 to 8.0 mm

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

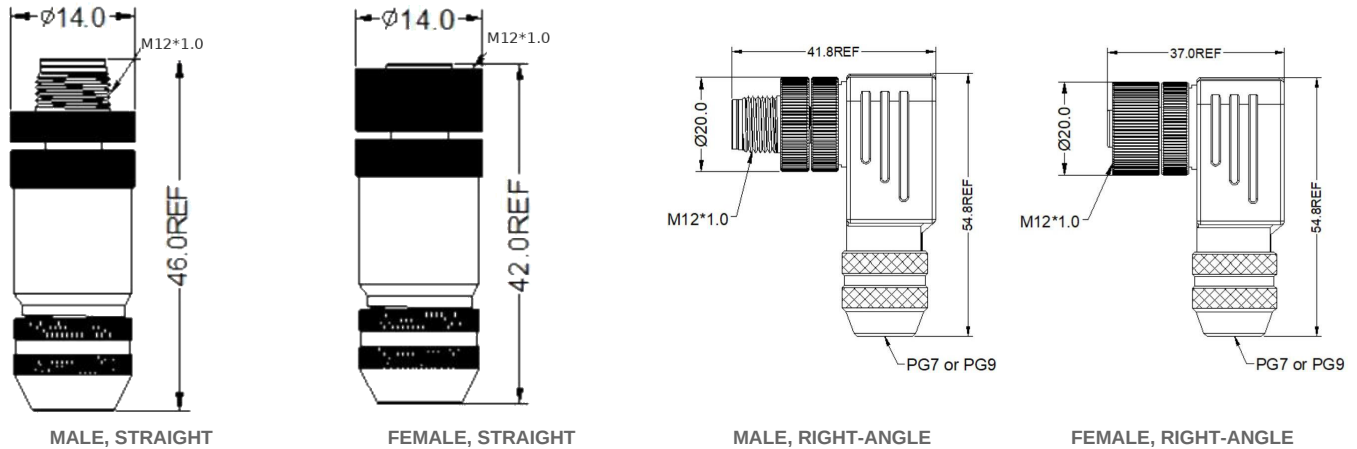
BUILT TO ORDER

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

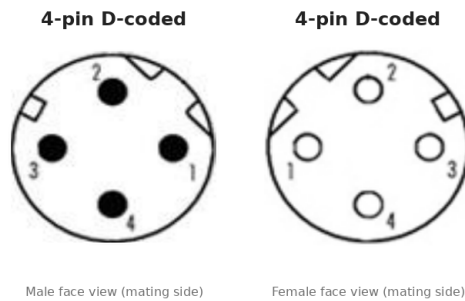
NEED A FINISHED CABLE?

We also offer overmolded M12 D-coded cables in 1 to 10 m lengths. 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** - **FAS** - **PG7**

M12 D-coded 4 pins M = male, F = female ST = straight, RA = right-angle field-attachable, metal PG7 or PG9 entry

Example: M12D-4P-M-ST-FAS-PG7 = 4-pin D-coded male straight field-attachable connector, metal shielded, PG7 cable entry.

STANDARD CONFIGURATIONS (8)

M12D-4P-M-ST-FAS-PG7	M12D-4P-F-ST-FAS-PG7	M12D-4P-M-RA-FAS-PG7	M12D-4P-F-RA-FAS-PG7
M12D-4P-M-ST-FAS-PG9	M12D-4P-F-ST-FAS-PG9	M12D-4P-M-RA-FAS-PG9	M12D-4P-F-RA-FAS-PG9