

M8 A-Coded Field-Attachable Connector, Solder Termination

Solder-termination M8 × 1.0 A-coded connector you wire onto your own cable. Male or female, straight or right-angle, 3 or 4 pins; for 3.5 to 5.0 mm cable.



ORDERING CODE

M8A-[3P/4P]-[M/F]-[ST/RA]-FA

CONNECTOR

M8 × 1.0, A-coded, male or female

HEAD

Straight or right-angle

PINS

3 or 4

CABLE

3.5 to 5.0 mm outer diameter

WIRE RANGE

0.14 to 0.34 mm² (26 to 22 AWG), solder

CONSTRUCTION

Standard	IEC 61076-2-104
Termination	Solder
Wire range	0.14 to 0.34 mm ² · 26 to 22 AWG
Contacts	Brass, gold plated
Coupling	Brass, nickel plated
Housing	TPU, black
Insert	TPU
Seal	FKM
Cable OD	3.5 to 5.0 mm

RATINGS BY PIN COUNT

3-pin A-coded	60 V · 3 A
4-pin A-coded	30 V · 3 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

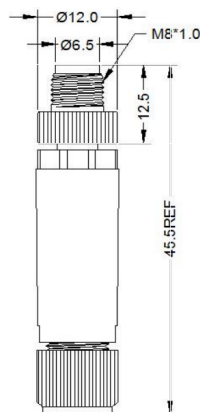
BUILT TO ORDER

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

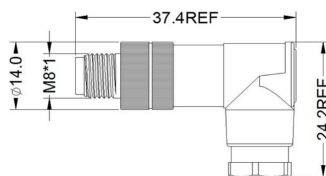
NEED A FINISHED CABLE?

We also offer overmolded M8 cables in 1 to 10 m lengths. Ask for a made-to-fit quote.

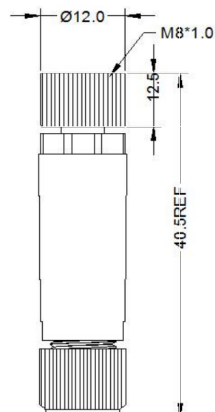
Dimensions, pin layouts and ordering



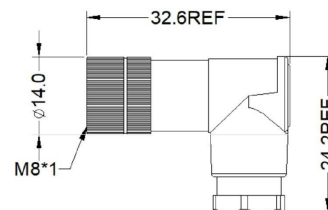
MALE, STRAIGHT



MALE, RIGHT-ANGLE

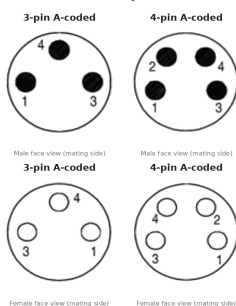


FEMALE, STRAIGHT



FEMALE, RIGHT-ANGLE

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



ORDERING CODE

M8A

M8 A-coded

- **4P**

pins: 3P or 4P

- **F**

M = male, F = female

- **ST**

ST = straight, RA = right-angle

- **FA**

field-attachable

Example: M8A-4P-F-RA-FA = 4-pin A-coded female right-angle field-attachable connector.

STANDARD CONFIGURATIONS (8)

M8A-3P-M-ST-FA	M8A-3P-M-RA-FA	M8A-3P-F-ST-FA	M8A-3P-F-RA-FA
M8A-4P-M-ST-FA	M8A-4P-M-RA-FA	M8A-4P-F-ST-FA	M8A-4P-F-RA-FA