

M12 C-Coded Panel-Mount Receptacle, Solder Cups

M12 × 1.0 C-coded panel-mount receptacle with solder cups. Male or female; straight front or rear mount. 2 to 6 pins. For sensors and actuators.



ORDERING CODE

M12C-[2/3/4/5/6]P-[M/F]-ST-[FR/RR]-SC-[PG9/M16]

CONNECTOR

M12 × 1.0, C-coded, male or female

MOUNTING

Straight front or rear mount

PINS

2 to 6

PANEL THREAD

PG9 or M16 (see notes)

TERMINATION

Solder cups

CONSTRUCTION

Standard	IEC 61076-2-101
Termination	Solder cups
Locking	M12 × 1.0 screw
Contacts	Brass, gold plated
Nut and shell	Brass, nickel plated
Insert	TPU
Seal	FKM

RATINGS

2-, 3-, 4-pin	250 V · 4 A
5-pin	60 V · 4 A
6-pin	30 V · 2 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

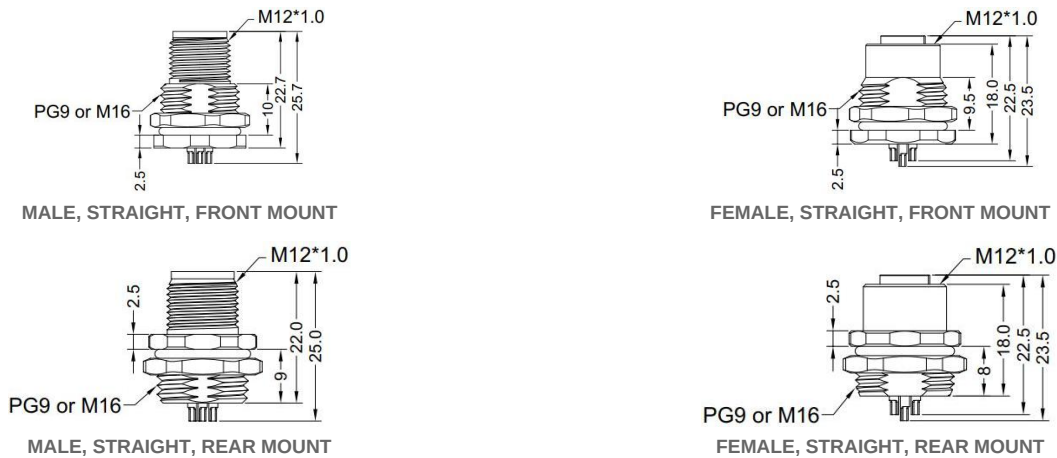
BUILT TO ORDER

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

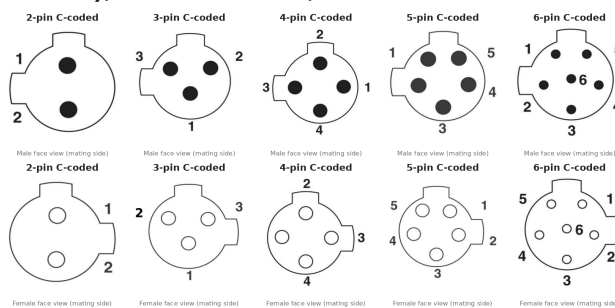
NEED SOMETHING DIFFERENT?

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

Dimensions, pin layouts and ordering



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



ORDERING CODE

M12C	-	2P	-	M	-	ST	-	FR	-	SC	-	PG9
M12 C-coded		pins: 2 to 6		M = male, F = female		ST or RA head		FR = front, RR = rear mount		solder cups		PG9/M16 thread

Example: M12C-2P-M-ST-FR-SC-PG9 = 2-pin C-coded male straight, front mount receptacle, solder cups, PG9 thread.

STANDARD CONFIGURATIONS (40)

M12C-2P-M-ST-FR-SC-PG9	M12C-2P-F-ST-FR-SC-PG9	M12C-2P-M-ST-RR-SC-PG9	M12C-2P-F-ST-RR-SC-PG9
M12C-2P-M-ST-FR-SC-M16	M12C-2P-F-ST-FR-SC-M16	M12C-2P-M-ST-RR-SC-M16	M12C-2P-F-ST-RR-SC-M16
M12C-3P-M-ST-FR-SC-PG9	M12C-3P-F-ST-FR-SC-PG9	M12C-3P-M-ST-RR-SC-PG9	M12C-3P-F-ST-RR-SC-PG9
M12C-3P-M-ST-FR-SC-M16	M12C-3P-F-ST-FR-SC-M16	M12C-3P-M-ST-RR-SC-M16	M12C-3P-F-ST-RR-SC-M16
M12C-4P-M-ST-FR-SC-PG9	M12C-4P-F-ST-FR-SC-PG9	M12C-4P-M-ST-RR-SC-PG9	M12C-4P-F-ST-RR-SC-PG9
M12C-4P-M-ST-FR-SC-M16	M12C-4P-F-ST-FR-SC-M16	M12C-4P-M-ST-RR-SC-M16	M12C-4P-F-ST-RR-SC-M16
M12C-5P-M-ST-FR-SC-PG9	M12C-5P-F-ST-FR-SC-PG9	M12C-5P-M-ST-RR-SC-PG9	M12C-5P-F-ST-RR-SC-PG9
M12C-5P-M-ST-FR-SC-M16	M12C-5P-F-ST-FR-SC-M16	M12C-5P-M-ST-RR-SC-M16	M12C-5P-F-ST-RR-SC-M16
M12C-6P-M-ST-FR-SC-PG9	M12C-6P-F-ST-FR-SC-PG9	M12C-6P-M-ST-RR-SC-PG9	M12C-6P-F-ST-RR-SC-PG9
M12C-6P-M-ST-FR-SC-M16	M12C-6P-F-ST-FR-SC-M16	M12C-6P-M-ST-RR-SC-M16	M12C-6P-F-ST-RR-SC-M16