

M12 C-Coded Panel-Mount Receptacle, PCB Pins

M12 × 1.0 C-coded panel-mount receptacle with PCB pins. 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]-PCB-PG9

CONNECTOR

M12 × 1.0, C-coded, male or female

MOUNTING

Straight front or rear mount

PINS

2 to 6

PANEL THREAD

PG9 (see notes)

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

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

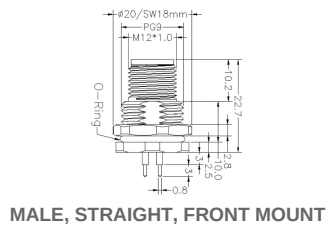
BUILT TO ORDER

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

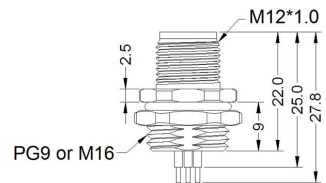
NEED SOMETHING DIFFERENT?

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

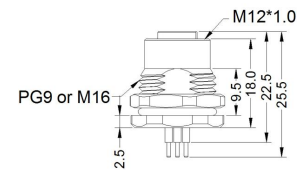
Dimensions, pin layouts and ordering



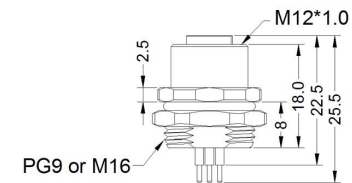
MALE, STRAIGHT, FRONT MOUNT



MALE, STRAIGHT, REAR MOUNT

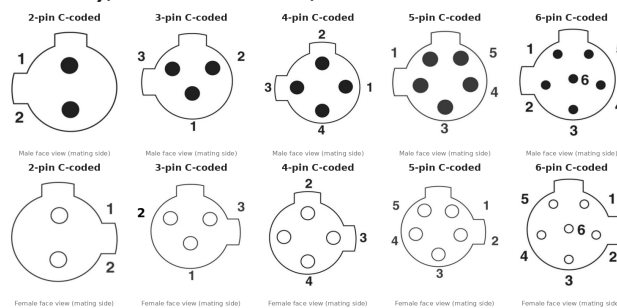


FEMALE, STRAIGHT, FRONT MOUNT



FEMALE, STRAIGHT, REAR MOUNT

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



ORDERING CODE

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

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

STANDARD CONFIGURATIONS (20)

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