

M12 K-Coded Panel-Mount Receptacle, PCB Pins

M12 × 1.0 K-coded panel-mount receptacle with PCB pins. Male or female; straight front or rear mount, or right-angle front mount. 5 pins. For AC power.



ORDERING CODE

M12K-5P-[M/F]-[ST/RA]-[FR/RR]-PCB-[PG9/M16/M12]

CONNECTOR

M12 × 1.0, K-coded, male or female

MOUNTING

Straight front or rear mount, or right-angle front mount

PINS

5

PANEL THREAD

PG9 or M16 or M12 (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

5-pin K-coded	630 V · 12 A
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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

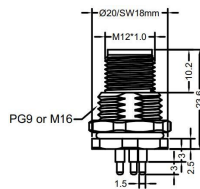
BUILT TO ORDER

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

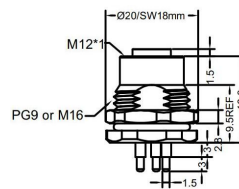
NEED SOMETHING DIFFERENT?

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

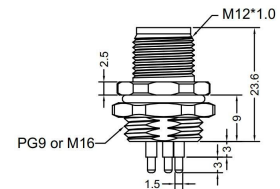
Dimensions, pin layouts and ordering



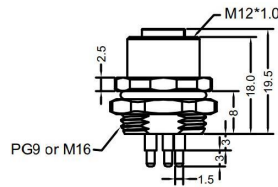
MALE, STRAIGHT, FRONT MOUNT



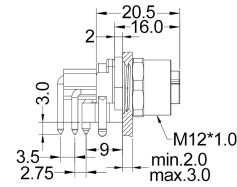
FEMALE, STRAIGHT, FRONT MOUNT



MALE, STRAIGHT, REAR MOUNT

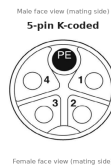
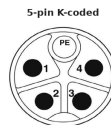


FEMALE, STRAIGHT, REAR MOUNT



FEMALE, RIGHT-ANGLE, FRONT MOUNT

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



ORDERING CODE

M12K

M12 K-coded

- **5P**

pins: 5

- **M**

M = male, F = female

- **ST**

ST or RA head

- **FR**

FR = front, RR = rear
mount

- **PCB**

PCB pins

- **PG9**

PG9/M16/M12 thread

Example: M12K-5P-M-ST-FR-PCB-PG9 = 5-pin K-coded male straight, front mount receptacle, PCB pins, PG9 thread.

STANDARD CONFIGURATIONS (9)

M12K-5P-M-ST-FR-PCB-PG9

M12K-5P-M-ST-FR-PCB-M16

M12K-5P-F-ST-FR-PCB-PG9

M12K-5P-F-ST-FR-PCB-M16

M12K-5P-M-ST-RR-PCB-PG9

M12K-5P-M-ST-RR-PCB-M16

M12K-5P-F-ST-RR-PCB-PG9

M12K-5P-F-ST-RR-PCB-M16

M12K-5P-F-RA-FR-PCB-M12