

M12 K-Coded Panel-Mount Receptacle, Solder Cups

M12 × 1.0 K-coded panel-mount receptacle with solder cups. Male or female; straight front or rear mount. 5 pins. For AC power.



ORDERING CODE

M12K-5P-[M/F]-ST-[FR/RR]-SC-[PG9/M16]

CONNECTOR

M12 × 1.0, K-coded, male or female

MOUNTING

Straight front or rear mount

PINS

5

PANEL THREAD

PG9 or M16

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

5-pin K-coded	630 V · 12 A
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GENERAL

Operating temp.	–40 to +85 °C
Current rating at	40 °C
Insulation resist.	≥ 100 MΩ
Contact resist.	≤ 5 mΩ
Mating cycles	> 100
Compliance	RoHS / REACH

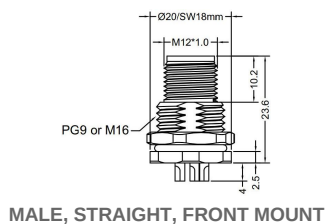
BUILT TO ORDER

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

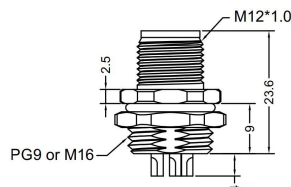
NEED SOMETHING DIFFERENT?

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

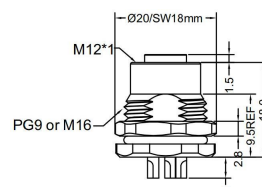
Dimensions, pin layouts and ordering



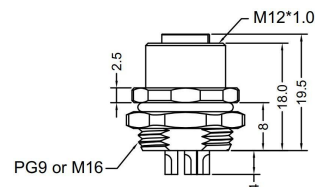
MALE, STRAIGHT, FRONT MOUNT



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

M12K	-	5P	-	M	-	ST	-	FR	-	SC	-	PG9
M12 K-coded		pins: 5		M = male, F = female		ST or RA head		FR = front, RR = rear mount		solder cups		PG9/M16 thread

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

STANDARD CONFIGURATIONS (8)

M12K-5P-M-ST-FR-SC-PG9	M12K-5P-F-ST-FR-SC-PG9	M12K-5P-M-ST-RR-SC-PG9	M12K-5P-F-ST-RR-SC-PG9
M12K-5P-M-ST-FR-SC-M16	M12K-5P-F-ST-FR-SC-M16	M12K-5P-M-ST-RR-SC-M16	M12K-5P-F-ST-RR-SC-M16