

M12 Y-Coded Panel-Mount Receptacle, PCB Pins

M12 × 1.0 Y-coded panel-mount receptacle with PCB pins. Male or female; straight front or rear mount. 8 pins. For hybrid data and power.



ORDERING CODE

M12Y-8P-[M/F]-ST-[FR/RR]-PCB-[PG9/M16]

CONNECTOR

M12 × 1.0, Y-coded, male or female

MOUNTING

Straight front or rear mount

PINS

8

PANEL THREAD

PG9 or M16

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
Shielding	Shielded

RATINGS

8-pin Y-coded 60 V · 0.5 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

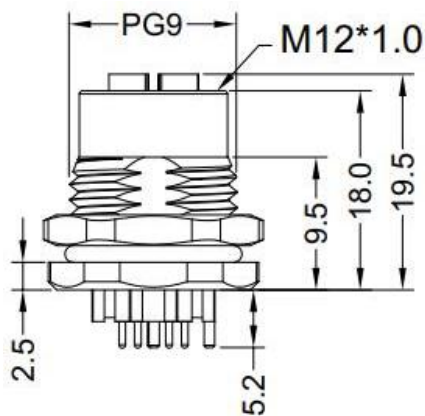
BUILT TO ORDER

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

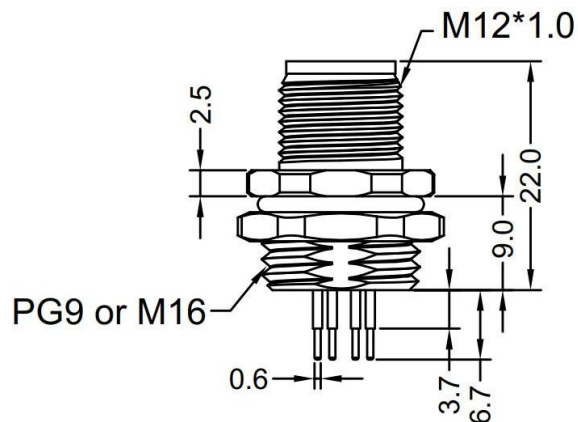
NEED SOMETHING DIFFERENT?

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

Dimensions, pin layouts and ordering

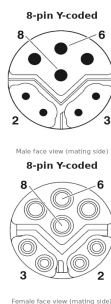


FEMALE, STRAIGHT, FRONT MOUNT



MALE, STRAIGHT, REAR MOUNT

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



ORDERING CODE

M12Y

M12 Y-coded

8P

pins: 8

F

M = male, F = female

ST

ST or RA head

FR

FR = front, RR = rear
mount

PCB

PCB pins

PG9

PG9/M16 thread

Example: M12Y-8P-F-ST-FR-PCB-PG9 = 8-pin Y-coded female straight, front mount receptacle, PCB pins, PG9 thread.

STANDARD CONFIGURATIONS (4)

M12Y-8P-F-ST-FR-PCB-PG9

M12Y-8P-F-ST-FR-PCB-M16

M12Y-8P-M-ST-RR-PCB-PG9

M12Y-8P-M-ST-RR-PCB-M16