



canfield  
connector

CANFast®  
round connectors

**M12 SERIES**  
12MM STRAIGHT  
MOLDED  
ROUND CONNECTORS

## GENERAL DESCRIPTION

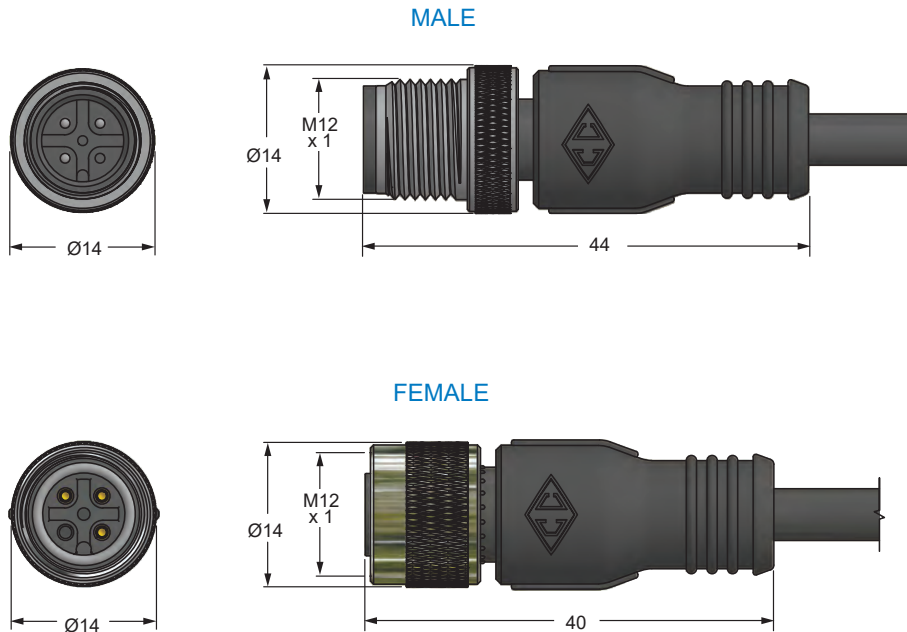
Canfield Connector is known for its robust connections with an American twist, and the CANFAST® brand of M12 electrical connectors are no exception. This family of robust, all molded anti-vibration electrical connectors for sensors and actuators are specified by those needing a sure connection to valves, sensors, or automation of all types. Available in all industry styles including shielded and unshielded, and in various wire lengths. The CANFAST® round connectors are made in the USA to strict quality standards and are ready for fast delivery.



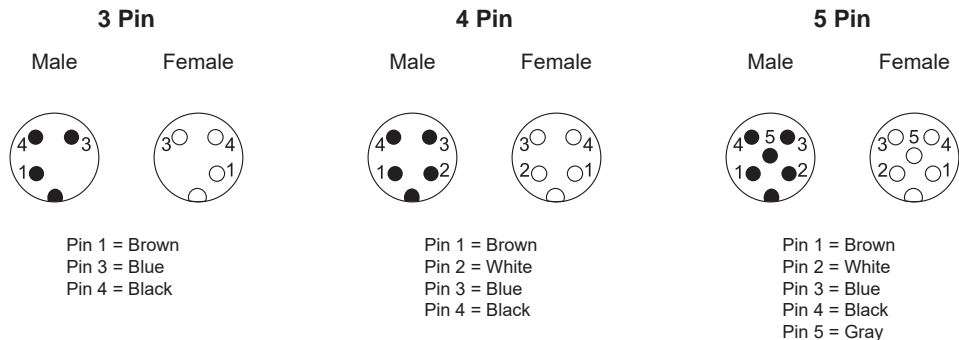
Male 3-Pin version shown above

## DIMENSIONAL DATA

All dimensions are in millimeters unless otherwise noted.



## PIN CONFIGURATION



## TECHNICAL DATA

<b>Current Max.</b>	4 Amps
<b>Voltage Max.</b>	250V AC/DC
<b>Materials</b>	Housing: PA, TPU Nut: Nickel Plated Brass Contacts: Gold Plated Brass
<b>Temperature Range</b>	-20° to +80°C
<b>Environmental Protection</b>	IP 68, IP 69, IP 69K (Securely connected)
<b>Cable Diameter</b>	5.0mm
<b>Cable Type</b>	PVC, PUR
<b>Wire Gauge</b>	24 AWG
<b>Coding</b>	A - Standard

## ORDERING INFORMATION

Consult Factory for stock availability.

### M12 MALE STRAIGHT MOLDED LOCKING

Length	Wire Type	3 Pin	4 Pin	5 Pin
1 meter	PVC	RC12-AMM030-0110C10A	RC12-AMM040-0110C10A	RC12-AMM050-0110C10A
	shielded	RC12-AMM030-0110S10A	RC12-AMM040-0110S10A	RC12-AMM050-0110S10A
	PUR	RC12-AMM030-0110R10A	RC12-AMM040-0110R10A	RC12-AMM050-0110R10A
	shielded	RC12-AMM030-0110P10A	RC12-AMM040-0110P10A	RC12-AMM050-0110P10A
2 meter	PVC	RC12-AMM030-0120C10A	RC12-AMM040-0120C10A	RC12-AMM050-0120C10A
	shielded	RC12-AMM030-0120S10A	RC12-AMM040-0120S10A	RC12-AMM050-0120S10A
	PUR	RC12-AMM030-0120R10A	RC12-AMM040-0120R10A	RC12-AMM050-0120R10A
	shielded	RC12-AMM030-0120P10A	RC12-AMM040-0120P10A	RC12-AMM050-0120P10A
3 meter	PVC	RC12-AMM030-0130C10A	RC12-AMM040-0130C10A	RC12-AMM050-0130C10A
	shielded	RC12-AMM030-0130S10A	RC12-AMM040-0130S10A	RC12-AMM050-0130S10A
	PUR	RC12-AMM030-0130R10A	RC12-AMM040-0130R10A	RC12-AMM050-0130R10A
	shielded	RC12-AMM030-0130P10A	RC12-AMM040-0130P10A	RC12-AMM050-0130P10A
5 meter	PVC	RC12-AMM030-0150C10A	RC12-AMM040-0150C10A	RC12-AMM050-0150C10A
	shielded	RC12-AMM030-0150S10A	RC12-AMM040-0150S10A	RC12-AMM050-0150S10A
	PUR	RC12-AMM030-0150R10A	RC12-AMM040-0150R10A	RC12-AMM050-0150R10A
	shielded	RC12-AMM030-0150P10A	RC12-AMM040-0150P10A	RC12-AMM050-0150P10A
10 meter	PVC	RC12-AMM030-010AC10A	RC12-AMM040-010AC10A	RC12-AMM050-010AC10A
	shielded	RC12-AMM030-010AS10A	RC12-AMM040-010AS10A	RC12-AMM050-010AS10A
	PUR	RC12-AMM030-010AR10A	RC12-AMM040-010AR10A	RC12-AMM050-010AR10A
	shielded	RC12-AMM030-010AP10A	RC12-AMM040-010AP10A	RC12-AMM050-010AP10A

### M12 FEMALE STRAIGHT MOLDED LOCKING

Length	Wire Type	3 Pin	4 Pin	5 Pin
1 meter	PVC	RC12-AFM030-0110C10A	RC12-AFM040-0110C10A	RC12-AFM050-0110C10A
	shielded	RC12-AFM030-0110S10A	RC12-AFM040-0110S10A	RC12-AFM050-0110S10A
	PUR	RC12-AFM030-0110R10A	RC12-AFM040-0110R10A	RC12-AFM050-0110R10A
	shielded	RC12-AFM030-0110P10A	RC12-AFM040-0110P10A	RC12-AFM050-0110P10A
2 meter	PVC	RC12-AFM030-0120C10A	RC12-AFM040-0120C10A	RC12-AFM050-0120C10A
	shielded	RC12-AFM030-0120S10A	RC12-AFM040-0120S10A	RC12-AFM050-0120S10A
	PUR	RC12-AFM030-0120R10A	RC12-AFM040-0120R10A	RC12-AFM050-0120R10A
	shielded	RC12-AFM030-0120P10A	RC12-AFM040-0120P10A	RC12-AFM050-0120P10A
3 meter	PVC	RC12-AFM030-0130C10A	RC12-AFM040-0130C10A	RC12-AFM050-0130C10A
	shielded	RC12-AFM030-0130S10A	RC12-AFM040-0130S10A	RC12-AFM050-0130S10A
	PUR	RC12-AFM030-0130R10A	RC12-AFM040-0130R10A	RC12-AFM050-0130R10A
	shielded	RC12-AFM030-0130P10A	RC12-AFM040-0130P10A	RC12-AFM050-0130P10A
5 meter	PVC	RC12-AFM030-0150C10A	RC12-AFM040-0150C10A	RC12-AFM050-0150C10A
	shielded	RC12-AFM030-0150S10A	RC12-AFM040-0150S10A	RC12-AFM050-0150S10A
	PUR	RC12-AFM030-0150R10A	RC12-AFM040-0150R10A	RC12-AFM050-0150R10A
	shielded	RC12-AFM030-0150P10A	RC12-AFM040-0150P10A	RC12-AFM050-0150P10A
10 meter	PVC	RC12-AFM030-010AC10A	RC12-AFM040-010AC10A	RC12-AFM050-010AC10A
	shielded	RC12-AFM030-010AS10A	RC12-AFM040-010AS10A	RC12-AFM050-010AS10A
	PUR	RC12-AFM030-010AR10A	RC12-AFM040-010AR10A	RC12-AFM050-010AR10A
	shielded	RC12-AFM030-010AP10A	RC12-AFM040-010AP10A	RC12-AFM050-010AP10A