

**canfield
connector**

CANFast®
round connectors

M12 SERIES
12MM 90°
MOLED
ROUND CONNECTORS

GENERAL DESCRIPTION

Canfield Connector is known for its robust connections with an American twist, and the CANFAST® brand of M12 90° 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.

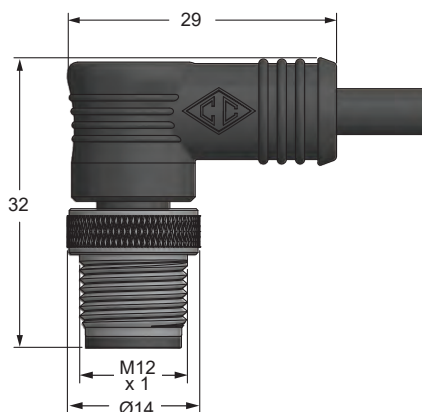
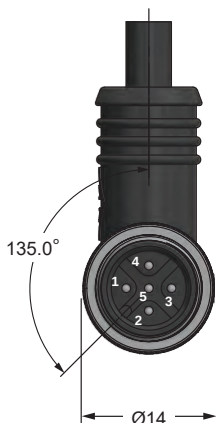


Female 5-Pin version shown above

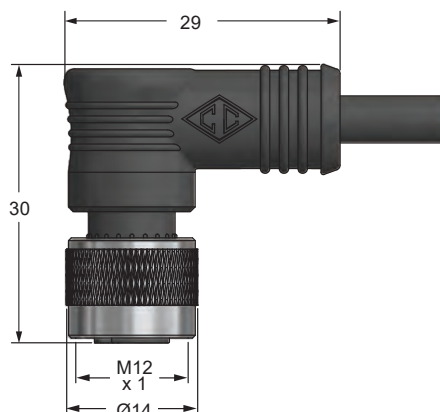
DIMENSIONAL DATA

All dimensions are in millimeters unless otherwise noted.

MALE



FEMALE



PIN CONFIGURATION

3 Pin

Male



Female



Pin 1 = Brown
Pin 3 = Blue
Pin 4 = Black

4 Pin

Male



Female



Pin 1 = Brown
Pin 2 = White
Pin 3 = Blue
Pin 4 = Black

5 Pin

Male



Female



Pin 1 = Brown
Pin 2 = White
Pin 3 = Blue
Pin 4 = Black
Pin 5 = Gray



TECHNICAL DATA

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

ORDERING INFORMATION

Consult Factory for stock availability.

M12 MALE 90° MOLDED LOCKING

Length	Wire Type	3 Pin	4 Pin	5 Pin
1 meter	PVC	RC12-AMM030-0210C10A	RC12-AMM040-0210C10A	RC12-AMM050-0210C10A
	shielded	RC12-AMM030-0210S10A	RC12-AMM040-0210S10A	RC12-AMM050-0210S10A
	PUR	RC12-AMM030-0210R10A	RC12-AMM040-0210R10A	RC12-AMM050-0210R10A
	shielded	RC12-AMM030-0210P10A	RC12-AMM040-0210P10A	RC12-AMM050-0210P10A
2 meter	PVC	RC12-AMM030-0220C10A	RC12-AMM040-0220C10A	RC12-AMM050-0220C10A
	shielded	RC12-AMM030-0220S10A	RC12-AMM040-0220S10A	RC12-AMM050-0220S10A
	PUR	RC12-AMM030-0220R10A	RC12-AMM040-0220R10A	RC12-AMM050-0220R10A
	shielded	RC12-AMM030-0220P10A	RC12-AMM040-0220P10A	RC12-AMM050-0220P10A
3 meter	PVC	RC12-AMM030-0230C10A	RC12-AMM040-0230C10A	RC12-AMM050-0230C10A
	shielded	RC12-AMM030-0230S10A	RC12-AMM040-0230S10A	RC12-AMM050-0230S10A
	PUR	RC12-AMM030-0230R10A	RC12-AMM040-0230R10A	RC12-AMM050-0230R10A
	shielded	RC12-AMM030-0230P10A	RC12-AMM040-0230P10A	RC12-AMM050-0230P10A
5 meter	PVC	RC12-AMM030-0250C10A	RC12-AMM040-0250C10A	RC12-AMM050-0250C10A
	shielded	RC12-AMM030-0250S10A	RC12-AMM040-0250S10A	RC12-AMM050-0250S10A
	PUR	RC12-AMM030-0250R10A	RC12-AMM040-0250R10A	RC12-AMM050-0250R10A
	shielded	RC12-AMM030-0250P10A	RC12-AMM040-0250P10A	RC12-AMM050-0250P10A
10 meter	PVC	RC12-AMM030-020AC10A	RC12-AMM040-020AC10A	RC12-AMM050-020AC10A
	shielded	RC12-AMM030-020AS10A	RC12-AMM040-020AS10A	RC12-AMM050-020AS10A
	PUR	RC12-AMM030-020AR10A	RC12-AMM040-020AR10A	RC12-AMM050-020AR10A
	shielded	RC12-AMM030-020AP10A	RC12-AMM040-020AP10A	RC12-AMM050-020AP10A

M12 FEMALE 90° MOLDED LOCKING

Length	Wire Type	3 Pin	4 Pin	5 Pin
1 meter	PVC	RC12-AFM030-0210C10A	RC12-AFM040-0210C10A	RC12-AFM050-0210C10A
	shielded	RC12-AFM030-0210S10A	RC12-AFM040-0210S10A	RC12-AFM050-0210S10A
	PUR	RC12-AFM030-0210R10A	RC12-AFM040-0210R10A	RC12-AFM050-0210R10A
	shielded	RC12-AFM030-0210P10A	RC12-AFM040-0210P10A	RC12-AFM050-0210P10A
2 meter	PVC	RC12-AFM030-0220C10A	RC12-AFM040-0220C10A	RC12-AFM050-0220C10A
	shielded	RC12-AFM030-0220S10A	RC12-AFM040-0220S10A	RC12-AFM050-0220S10A
	PUR	RC12-AFM030-0220R10A	RC12-AFM040-0220R10A	RC12-AFM050-0220R10A
	shielded	RC12-AFM030-0220P10A	RC12-AFM040-0220P10A	RC12-AFM050-0220P10A
3 meter	PVC	RC12-AFM030-0230C10A	RC12-AFM040-0230C10A	RC12-AFM050-0230C10A
	shielded	RC12-AFM030-0230S10A	RC12-AFM040-0230S10A	RC12-AFM050-0230S10A
	PUR	RC12-AFM030-0230R10A	RC12-AFM040-0230R10A	RC12-AFM050-0230R10A
	shielded	RC12-AFM030-0230P10A	RC12-AFM040-0230P10A	RC12-AFM050-0230P10A
5 meter	PVC	RC12-AFM030-0250C10A	RC12-AFM040-0250C10A	RC12-AFM050-0250C10A
	shielded	RC12-AFM030-0250S10A	RC12-AFM040-0250S10A	RC12-AFM050-0250S10A
	PUR	RC12-AFM030-0250R10A	RC12-AFM040-0250R10A	RC12-AFM050-0250R10A
	shielded	RC12-AFM030-0250P10A	RC12-AFM040-0250P10A	RC12-AFM050-0250P10A
10 meter	PVC	RC12-AFM030-020AC10A	RC12-AFM040-020AC10A	RC12-AFM050-020AC10A
	shielded	RC12-AFM030-020AS10A	RC12-AFM040-020AS10A	RC12-AFM050-020AS10A
	PUR	RC12-AFM030-020AR10A	RC12-AFM040-020AR10A	RC12-AFM050-020AR10A
	shielded	RC12-AFM030-020AP10A	RC12-AFM040-020AP10A	RC12-AFM050-020AP10A