canfield connector

Molded Multi-Pin
for Sensors and Automation

M8 & M12

CANFast® round connectors

NOW IP69K AVAILABLE



MADE IN U.S.A.

Making connections that last!

1-800-554-5071
canfieldconnector.com

M8 & M12

Molded Multi-Pin for Sensors and Automation

CANFast® round connectors

Canfield Connector manufactures highly engineered connectivity and sensing solutions, and the newly developed M8 & M12 *CANFast*® round connector product lines are no exception. To further strengthen our commitment to customer satisfaction through unmatched quality and support, customers will greatly benefit from enjoying a much wider array of available products with significantly reduced lead times.

Our enhanced evolution of the production process for the M8 & M12 connectors manufactured in our Youngstown, Ohio plant not only allows us to greatly expand our existing product line, but also takes our custom design capabilities to another level. Our domestic manufacturing and quick lead times, along with competitive pricing and high quality, make us leaders in industrial product development.

The M8 & M12 *CANFast*® design lends itself to sensors and automation applications. Other markets such as commercial electronics, process control, and industrial instrumentation also see beneficial results. Using our ISO 9001:2015 quality system, each device passes through a rigorous and extensive testing process to ensure reliable performance and customer satisfaction. To learn more, contact our friendly Customer Service Team, or visit: www.canfieldconnector.com

- ***Multiple pin configurations***
- ***IP68/IP69K environmental resistance rating***
- ***Robust housing for shock / vibration protection***
- ***Various cable lengths and jacket options***
- ***Fully-molded or field-wireable***



canfield connector

CANFast® round connectors

M8 SERIES
STANDARD A-CODING
8MM STRAIGHT
ROUND CONNECTORS

GENERAL DESCRIPTION

Canfield Connector is known for its robust connections with an American twist, and the *CANFast*® brand of M8 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.

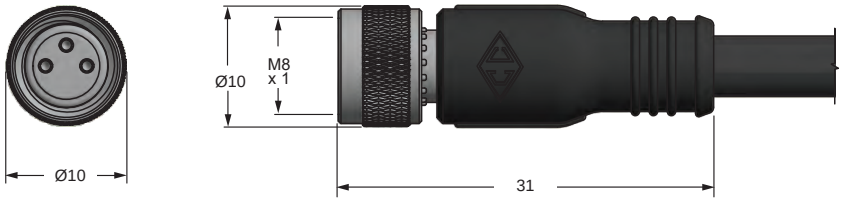


Male 4-Pin version shown above

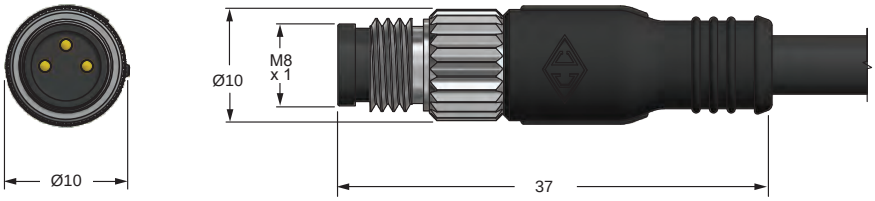
DIMENSIONAL DATA

All dimensions are in millimeters unless otherwise noted.

FEMALE



MALE



TECHNICAL DATA

Current Max.	4 Amps
Voltage Max.	120V 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 (Securely connected)
Cable Diameter	5.0mm
Cable Type	PVC, PUR
Wire Gauge	24 AWG

PIN CONFIGURATION

3 Pin

Female



Male



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

4 Pin

Female



Male



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

ORDERING INFORMATION

RC08-A☐M☐☐0-01☐☐☐☐0☐

Type
F - Female
M - Male

Poles
03 - 3 poles
04 - 4 poles

Cable Length
10 - 1 meter
20 - 2 meter
30 - 3 meter
50 - 5 meter
0A - 10 meter

Cable Type
C1 - PVC
R1 - PUR

Packaging Code
A - Bulk
G - Individual bagged

canfield connector

CANFast® round connectors

M12 SERIES
STANDARD A-CODING
12MM STRAIGHT
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.

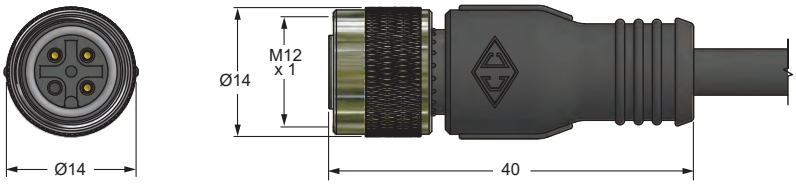


Male 3-Pin version shown above

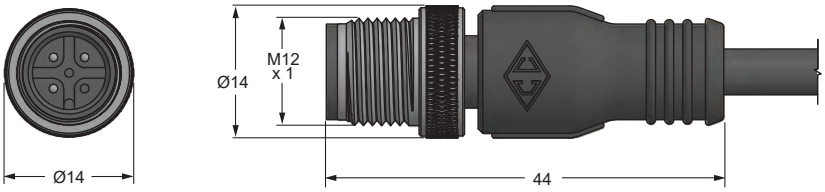
DIMENSIONAL DATA

All dimensions are in millimeters unless otherwise noted.

FEMALE



MALE



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

ORDERING INFORMATION

RC12-A☐M☐☐0-01☐☐☐☐0☐

Type
F - Female
M - Male

Poles
03 - 3 poles
04 - 4 poles
05 - 5 poles

Cable Length
10 - 1 meter
20 - 2 meter
30 - 3 meter
50 - 5 meter
0A - 10 meter

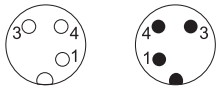
Cable Type
C1 - PVC
R1 - PUR

Packaging Code
A - Bulk
G - Individual bagged

PIN CONFIGURATION

3 Pin

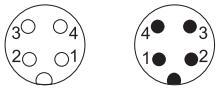
Female Male



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

4 Pin

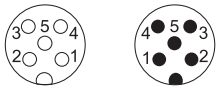
Female Male



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

5 Pin

Female Male



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

canfield connector

CANFast® round connectors

M12 SERIES
STANDARD A-CODING
12MM 90°
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.

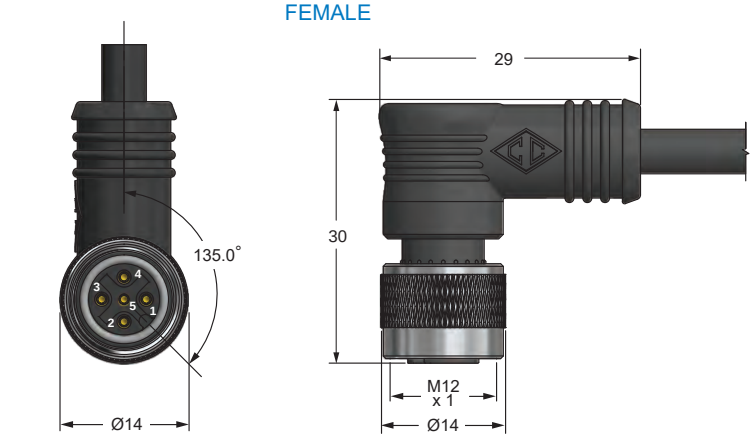


Female 5-Pin version shown above

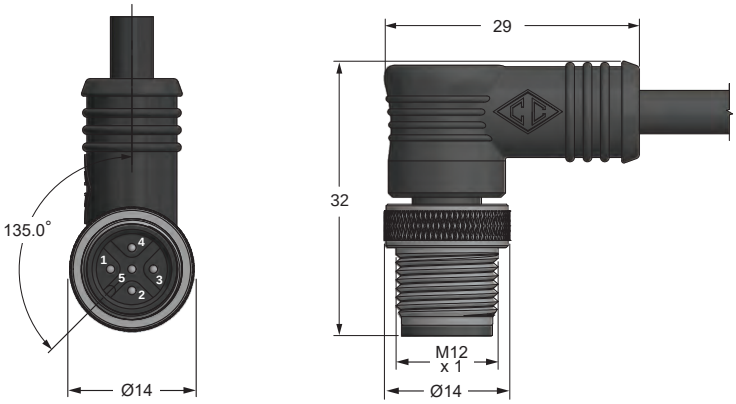
DIMENSIONAL DATA

All dimensions are in millimeters unless otherwise noted.

FEMALE



MALE



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

ORDERING INFORMATION

RC12-A☐M☐☐0-02☐☐☐☐0☐

Type
F - Female
M - Male

Poles
03 - 3 poles
04 - 4 poles
05 - 5 poles

Cable Length
10 - 1 meter
20 - 2 meter
30 - 3 meter
50 - 5 meter
0A - 10 meter

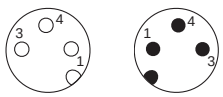
Cable Type
C1 - PVC
R1 - PUR

Packaging Code
A - Bulk
G - Individual bagged

PIN CONFIGURATION

3 Pin

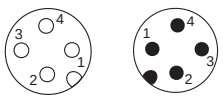
Female / Male



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

4 Pin

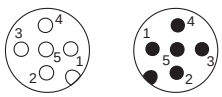
Female / Male



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

5 Pin

Female / Male



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



CANFast®
round connectors

canfield connector

1-800-554-5071
canfieldconnector.com

A56-1571 Rev.02
9/21