

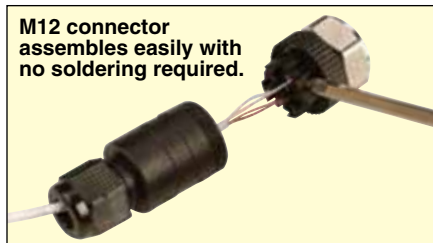
# Field Mountable M8 and M12 Connectors

## Connect to Existing Sensors and Cables

### M8/M12 Series

- ✔ Provide Convenient Connection to Equipment with M8 or M12 Connections
- ✔ Available as Right Angled or Straight Connections
- ✔ IP67 Rated
- ✔ Connectors Include Pins and Sockets Manufactured from Plated Brass

The M12 connectors can be attached to existing sensor or extension cables with #18 to #24AWG conductors and a 4 to 6 mm (.16 to .24") cable diameter in the field by means of screw type connections. The M8 connectors can be soldered to cables with #24AWG conductors, and a 4 to 6 mm (.16 to .24") cable diameter. Male and female connectors, with straight or right angled connection styles provide a wide selection of connection options.



To Order						
Model Number	Connector Size	Number of Pins	Style	Dimensions mm (inch)		
				A	B	D
M8-S-F-FM	M8	3	Straight female connection	37 (1.45)	N/A	12 (0.46)
M8-S-M-FM	M8	3	Straight male connection	45 (1.77)	N/A	12 (0.48)
M8-R-F-FM	M8	3	Right angle female connection	28 (1.10)	19 (0.73)	12 (0.48)
M8-R-M-FM	M8	3	Right angled male connection	35 (1.36)	19 (0.73)	12 (0.48)
M12-S-F-FM	M12	4	Straight female connection	46 (1.81)	N/A	18 (0.71)
M12-S-M-FM	M12	4	Straight male connection	52 (2.05)	N/A	20 (0.79)
M12-R-F-FM	M12	4	Right angle female connection	35 (1.38)	30 (1.18)	20 (0.79)
M12-R-M-FM	M12	4	Right angled male connection	42 (1.65)	31 (1.22)	20 (0.79)
M12.5-S-M-FM	M12	5	Straight female connection	54 (2.13)	N/A	20.2 (0.80)
M12.8-S-M-FM	M12	8	Straight male connector	54 (2.13)	N/A	20.2 (0.80)

**Note:** When adding a connector to a sensor purchase, add the connector part number at the end of the sensor model number (without dashes) for additional cost to the sensor price. **Example:** PR-20-2-100-1/4-2-E-T-M8SMFM = PR-20-2-100-1/4-2-E-T RTD sensor with M8-S-M-FM connector installed on the cable (please specify connector wiring requirements, ie: red wires on pins 1 and 2, white wire on pin 3).  
**Ordering Examples:** M8-S-F-FM, field mountable, 3-pin M8 style connector with a straight female connection.  
M12-R-M-FM, field mountable, 4-pin M12 style connector with a right angled male connection.