M12 Cables with Field Mountable Connectors for Resistance Sensors (RTDs)
For Field Adaptable and Special Requirements

- Straight and Right Angled M12 Field Mountable Connector Sensor End
- Two Cable Insulations Available
- 4-Wire Construction, Field Re-Wireable
- Optional Stainless Steel Braid and BX Hose Options
- Variety of Connection Methods to Work with Your Instrumentation

Typical M12CFM Cable Configuration

Model Number Options Key

Back End Connector Options (Instrument Attachment)
- MTPM  MTP 3-pin miniature plug connector
- MTPF  MTP 3-pin miniature socket connector
- OTPM  OTP 3-pin plug connector
- OTPF  OTP 3-pin socket connector
- TA3FM 3-pin audio plug connector
- TA3FF 3-pin audio socket connector
- TA4FM 4-pin audio plug connector
- TA4FF 4-pin audio socket connector
- MINIDIN 4-pin mini DIN plug connector
- SFSR  M12 straight socket connector with strain relief
- SMSR  M12 straight plug connector with strain relief
- RFSR  M12 right angled socket connector with strain relief
- RMSR  M12 right angled plug connector with strain relief
- FL  150 mm (6") flying leads (minimum)

Front End Connector Options (Sensor Attachment)
- SFSR  M12 straight socket connector with strain relief
- SMSR  M12 straight plug connector with strain relief
- RFSR  M12 right angled socket connector with strain relief
- RMSR  M12 right angled plug connector with strain relief

Cable Options
- T24SSPC  24 AWG stranded SPC, PFA insulated and jacketed
- P24STPC  24 AWG stranded TPC, PVC insulated and jacketed

Note: For stainless steel over-braid, add “SB” to the end of the cable callout for additional cost.
For BX hose over the cable, add “BX” to the end of the cable callout for additional cost.
For longer cables, change last number in model number to the desired length in meters for additional cost.

To add a connector to the end of the cable, replace “FL” in the model number with the connector designation in the table and add the following to the price:

- “MTP” no additional charge,
- “OTP” no additional charge, for “TA3M”, “TA3F”, “TA4M”, “TA4F” or “MINIDIN” for additional cost,
- for “SFSR”, “RFSR”, “SMSR” or “RMSR” for additional cost.

For Stainless Steel overbraid, add “SB” to the end of the cable callout for additional cost.

For BX Hose, add “BX” to the end of the cable callout for additional cost.

**Ordering Examples:**
- M12CFM-T24SSPC-SFSR-MTPM-3, 4-conductor, 24 AWG, stranded silver plated copper conductors, PFA insulation and jacket and stainless steel braid 3 m long, M12 right angled plug connector with strain relief one end and MTP-male connector on the other.
- M12CFM-P24STPC-RFSR-SMSR-5, 4-conductor, 24 AWG stranded tin plated copper conductors, PVC insulation and jacket, 5 m long, M12 right angled socket connector with strain relief one end and M12 straight plug connector with strain relief on the other.

### Cable Wiring

<table>
<thead>
<tr>
<th>M12 Connector Pin Number</th>
<th>Color</th>
<th>TA3</th>
<th>TA4</th>
<th>mini DIN</th>
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### To Order

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<tr>
<th>Model No.</th>
<th>Cable</th>
<th>Sensor Connector</th>
<th>Termination</th>
<th>Length (Meters)</th>
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<td>M12CFM-T24SSPC-SFSR-FL-3</td>
<td>PFA insulated and jacketed, 24 AWG stranded silver plated copper</td>
<td>M12 straight socket</td>
<td>150 mm (6”) flying leads</td>
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<td>M12CFM-P24STPC-SMSR-FL-3</td>
<td>PVC insulated and jacketed, 24 AWG stranded tin plated copper</td>
<td>M12 right angled socket</td>
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