

*Extended
Temperature
Range cable:*

75 Ω triaxial, perfluoroalkoxy (PFA) insulated probe cable in the following total probe lengths: 0.5, 1, 1.5, 2, 5, or 9 metres.

Extension Cable

Material:

75 Ω triaxial, fluoroethylene propylene (FEP) insulated.

**Extended
Temperature
Range (ETR)
Extension Cable
Material:**

75 Ω triaxial, perfluoroalkoxy (PFA) insulated.

**Proximitor
Sensor Material:**

A308 aluminum

System Length:

5 or 9 metres including extension cable

**Standard Probe
and Extension
Cable Armor
(optional):**

Flexible AISI 302 or 304 SST with FEP outer jacket.

**Extended
Temperature
Range Probe
and Extension
Cable Armor
(optional):**

Flexible AISI 302 or 304 SST with PFA outer jacket.

**Tensile Strength
(maximum
rated):**

330 N (75 lbf) probe case to probe lead. 270 N (60 lbf) at probe lead to extension cable connectors.

**Connector
material:**

Gold-plated brass or gold-plated beryllium copper.

| Probe case torque: | Maximum Rated | Recommended |
|---|--------------------------|--------------------------|
| Standard forward-mounted probes | 33.9 N•m (300 in•lbf) | 11.2 N•m (100 in•lbf) |
| Standard forward-mount probes - first three threads | 22.6 N•m (200 in•lbf) | 7.5 N•m (66 in•lbf) |
| Reverse mount probes | 22.6 N•m (200 in•lbf) | 7.5 N•m (66 in•lbf) |

Connector-to-connector torque

*Recommended torque:
see table:*

| Connector Type | Tightening Instructions |
|--|---|
| Two 3300 XL gold "click" type connectors | Finger tight |
| One non-XL stainless steel connector and one 3300 XL connector | Finger tight plus 1/8 turn using pliers |

**Maximum
torque:**

0.565 N•m (5 in•lbf)

**Minimum Bend
Radius:**

25.4 mm (1.0 in)

**Total System
Mass (typical):**

0.7 kg (1.5 lbf)

Probe:

323 g (11.38 oz)

Extension Cable:

34 g/m (0.4 oz/ft)

**Armored
Extension cable:**

103 g/m (1.5 oz/ft)

330101-00-08-05-02-00, 330101-00-08-05-02-05,
330101-00-08-10-02-00, 330101-00-08-10-02-05,
330101-00-12-10-02-00, 330101-00-12-10-02-05,
330101-00-16-10-02-00, 330101-00-16-10-02-05,
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330101-00-60-10-02-00, 330101-00-60-10-02-05,
330102-00-20-10-02-00, 330103-00-02-10-02-05,

330103-00-03-10-02-05, 330103-00-04-10-02-00,
330103-00-04-50-02-00, 330103-00-05-10-02-00,
330103-00-06-10-02-00, 330104-00-06-10-02-00,
330104-01-05-50-02-00, 330105-02-12-05-02-00,
330105-02-12-05-02-05, 330105-02-12-10-02-00,
330105-02-12-10-02-05, 330106-05-30-05-02-00,
330106-05-30-05-02-05, 330106-05-30-10-02-00
and 330106-05-30-10-02-05.