



Unthreaded length must be at least 20 mm less than the case length.

Order in increments of 10 mm

Length configurations:

Maximum unthreaded length: 230 mm

Minimum unthreaded length: 0 mm

Example: **0 6** = 60 mm

B: Overall Case Length Option

Order in increments of 10 mm

Metric thread configurations:

Maximum case length: 250 mm

Minimum case length: 20 mm

Example: **0 6** = 60 mm

C: Total Length Option

05 0.5 meter (1.6 feet)

10 1.0 meter (3.3 feet)

15 1.5 meter (4.9 feet)

20 2.0 meters (6.6 feet)

50 5.0 meters (16.4 feet)

90 9.0 meters (29.5 feet)



5-meter probes are designed for use with the 5 meter Proximitor sensor only.

D: Connector and Cable-Type Option

01 Miniature coaxial ClickLoc connector with connector protector, standard cable

02 Miniature coaxial ClickLoc connector, standard cable

11 Miniature coaxial ClickLoc connector with connector protector, FluidLoc cable

12 Miniature coaxial ClickLoc connector, FluidLoc cable

E: Agency Approval Option

00 Not required

05 CSA, ATEX, IECEx Approvals

3300 XL 8 mm Reverse Mount Probes

330105-02-12-CC-DD-EE3/8-24 UNF threads(2)

330106-05-30-CC-DD-EE M10 x 1 threads(2)

Option Descriptions

C: Total Length Option

05 0.5 meter (1.6 feet)

10 1.0 meter (3.3 feet)

15 1.5 meter (4.9 feet)

20 2.0 meters (6.6 feet)

50 5.0 meters (16.4 feet)

90 9.0 meters (29.5 feet)



5-meter probes are designed for use with the 5 meter Proximitor sensor only.

D: Connector and Cable-Type Option

02 Miniature ClickLoc coaxial connector

12 Miniature ClickLoc coaxial connector , FluidLoc cable



The FluidLoc cable option –12 is not necessary on the vast majority of 330105 and 330106 installations due to the presence of the probe sleeve. Consider carefully the application before ordering the FluidLoc cable option for these probes.

E: Agency Approval Option

00 Not required

05 CSA, ATEX, IECEx Approvals

D: Agency Approval Option

00	Not required
05	CSA, ATEX, IECEx Approvals

3300 XL 8 mm Extended Temperature Range (ETR) Proximity Probes, Metric:

330193 3300 XL 8 mm Probe, M10 x 1 thread, without armor

330194 3300 XL 8 mm Probe, M10 x 1 thread, with armor

Part Number-AA-BB-CC-DD

A: Unthreaded Length Option



Unthreaded length must be at least 20 mm less than the case length.

Order in increments of 10 mm

Length configurations:

Maximum unthreaded length: 230 mm

Minimum unthreaded length: 0 mm

Example: **0 6** = 60 mm

B: Overall Case Length Option

Order in increments of 10 mm

Metric thread configurations:

Maximum case length: 250 mm

Minimum case length: 20 mm

Example: **0 6** = 60 mm

C: Total Length Option

05	0.5 meter (1.6 feet)
10	1.0 meter (3.3 feet)
15	1.5 meter (4.9 feet)
20	2.0 meters (6.6 feet)
50	5.0 meters (16.4 feet)
90	9.0 meters (29.5 feet)



5-meter probes are designed for use with the 5 meter Proximitor sensor only.

D: Agency Approval Option

00	Not required
05	CSA, ATEX, IECEx Approvals

3300 XL 8 mm Extended Temperature Range (ETR) Reverse Mount Probes

330195-02-12-CC-DD3/8-24 UNF threads

330196-05-30-CC-DD M10 x 1 threads

C: Total Length Option

05	0.5 meter (1.6 feet)
10	1.0 meter (3.3 feet)
15	1.5 meter (4.9 feet)
20	2.0 meters (6.6 feet)
50	5.0 meters (16.4 feet)
90	9.0 meters (29.5 feet)



5-meter probes are designed for use with the 5 meter Proximitor sensor only.

D: Agency Approval Option

00	Not required
05	CSA, ATEX, IECEx approvals

3300 XL 8 mm Extended Temperature Range (ETR) Proximity Probes, Smooth Case:

330197 3300 XL 8 mm Probe without armor 1

330198 3300 XL 8 mm Probe with armor 1

Part Number-AA-BB-CC

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, 330101-00-20-05-02-00, 330101-00-20-10-02-00, 330101-00-20-10-02-05, 330101-00-30-10-02-00, 330101-00-30-10-02-05, 330101-00-40-05-02-00, 330101-00-40-10-02-00, 330101-00-40-10-02-05, 330101-00-60-10-02-00, 330101-00-60-10-02-05, 330102-00-20-10-02-00, 330103-00-02-10-02-05, 330103-00-04-10-02-00, 330103-00-05-10-02-00, 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, 330106-05-30-10-02-05.

Ordering Information for Proximitior Sensor

3300 XL Proximitior Sensor

330180-AA-BB

A: Total Length and Mounting Option

10	1.0 meter (3.3 feet) system length, panel mount
11	1.0 meter (3.3 feet) system length, DIN mount
12	1.0 meter (3.3 feet) system length, no mounting hardware
50	5.0 meters (16.4 feet) system length, panel mount
51	5.0 meters (16.4 feet) system length, DIN mount
52	5.0 meters (16.4 feet) system length, no mounting hardware
90	9.0 meters (29.5 feet) system length, panel mount
91	9.0 meters (29.5 feet) system length, DIN mount

92	9.0 meters (29.5 feet) system length, no mounting hardware
B: Agency Approval Option	
00	Not required
05	CSA, ATEX, IECEx Approvals

Ordering Information for Extension Cables

3300 XL Standard Extension Cable

330130-AAA-BB-CC



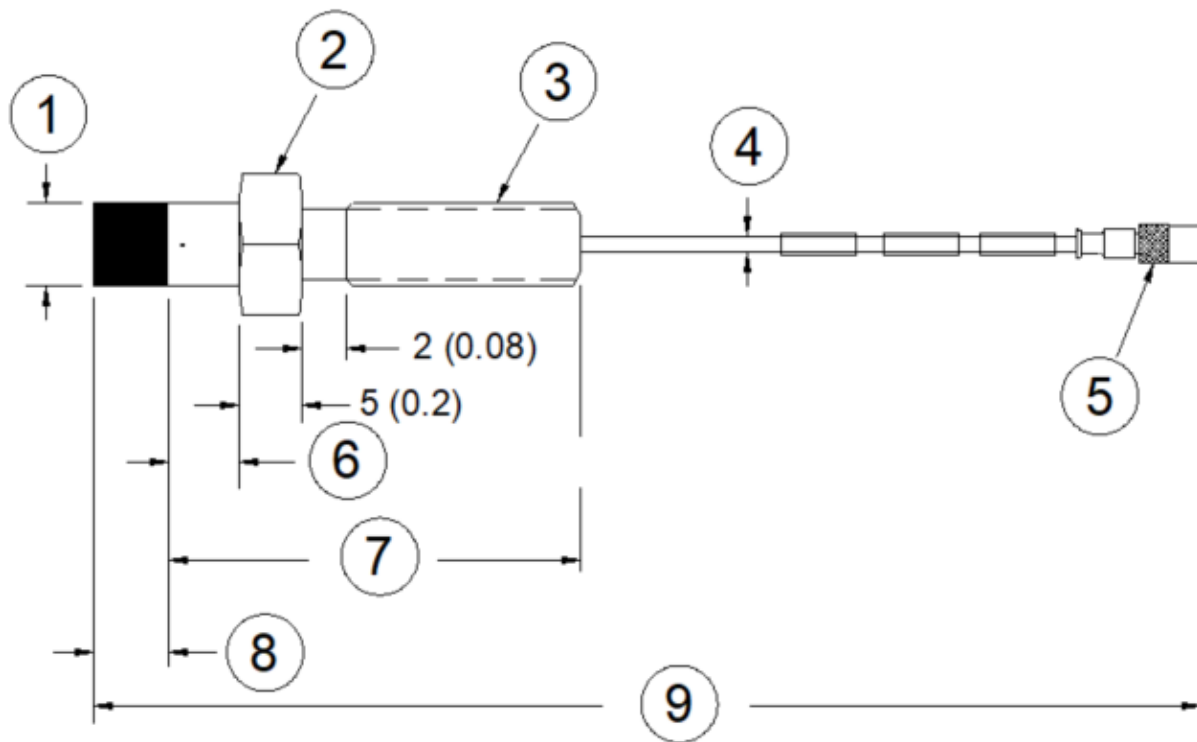
Make sure that the extension cable length and the probe length, when added together, equal the Proximitior Sensor total length.

A: Cable Length Option

030	3.0 meters (9.8 feet)
035	3.5 meters (13.1 feet)
040	4.0 meters (11.5 feet)
045	4.5 meters (14.8 feet)
060	6.0 meters (19.7 feet)
070	7.0 meters (22.9 feet)
075	7.5 meters (24.6 feet)
080	8.0 meters (26.2 feet)
085	8.5 meters (27.9 feet)

B: Connector Protector and Cable Option

00	Standard cable
01	Armored cable
02	Standard cable with connector protector

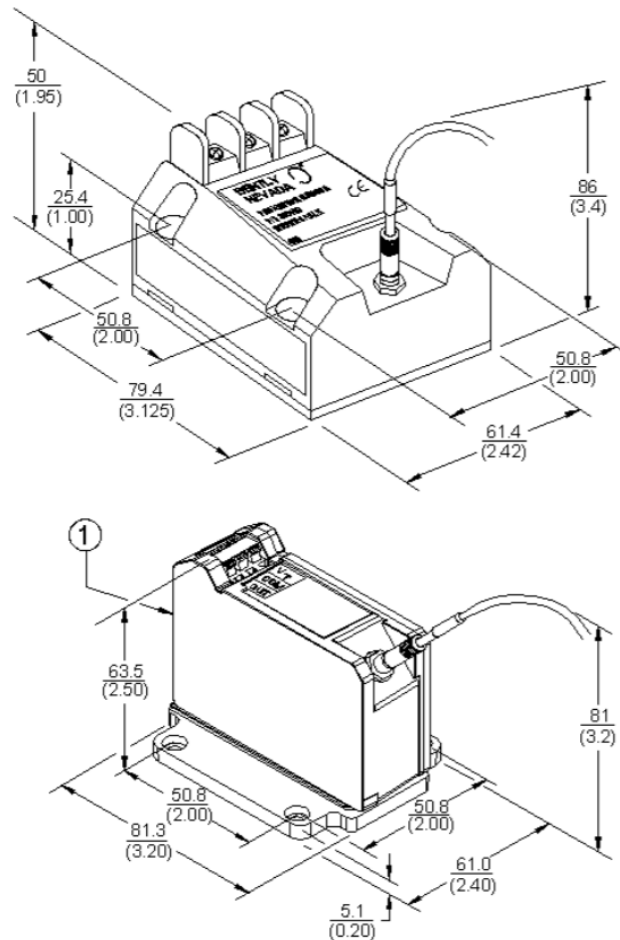


1. Probe tip, 8.0 mm (0.31 in) diameter
2. 7/16 in or M10 hexagonal
3. Case thread
4. 75 Ω cable, 3.68 mm (0.145 in) outside diameter
5. Miniature male coaxial connector, 7.24 mm (0.285 in) maximum outside diameter "D"
6. Unthreaded length "A", 5.0 mm (0.20 in)
7. Case length "B", 30 mm (1.2 in)
8. 6.0 mm (0.235 in) maximum
9. Total length "C", +30%, -0%³

Figure 15: 3300 XL 8 mm Proximity Probes, Reverse Mount 4, 7

330105 and 330195, 3/8-24 UNF-2A threads

330106 and 330196, M10X1 threads



1. Mounting option "A", Options -50 or -90

Figure 21: Physical Mounting Characteristics Showing Interchangeability of 3300 and 3300 XL Proximitors Sensors when 4-hole Mounting Option Is Used⁸

Figure Notes:

1. All dimensions on figures are in millimeters (inches) unless otherwise noted.
2. Standard mount 8 mm probes supplied with M17 or 9/16 inch lock nut.
3. Probes ordered with 5 or 9 meter integral cables have a length tolerance of +20%, -0%.
4. Reverse mount probes not available with armor or connector protector options.
5. Letters inside quotation marks on figures refer to probe ordering options.
6. Stainless steel armor is supplied with FEP outer jacket for standard probes, PFA outer jacket for ETR probes.
7. FEP jacket is standard non-armored portion of the cable for standard probes, PFA jacket on non-armored portion for ETR probes.
8. Use M3.5 or #6 screws for panel-mount Proximitors Sensors (screws provided when purchasing Bently Nevada housings).