

Ordering Information



For the detailed listing of country and product-specific approvals, refer to the [Approvals Quick Reference Guide \(108M1756\)](#).

For additional technical documentation, please log in to bntechsupport.com and access the Bently Nevada Media Library.

3300 NSv Proximity Probes

330901 3300 NSv Probe, 1/4-28 UNF thread, without armor

330902 3300 NSv Probe, 1/4-28 UNF thread, with armor

330908 3300 NSv Probe, 3/8-24 UNF thread, without armor

330909 3300 NSv Probe, 3/8-24 UNF thread, with armor

Part Number-AA-BB-CC-DD-EE

A: Unthreaded Length Option



Unthreaded length must be at least 0.7 inch less than the case length.

Order in increments of 0.1 in

Length configurations:

Maximum unthreaded length: 9.2 in

Minimum unthreaded length: 0.0 in

Example: **04** = 0.4 in

B: Overall Case Length Option

Order in increments of 0.1 in

Threaded length configurations:

Maximum case length: 9.9 in

Minimum case length: 0.8 in

Example: **24** = 2.4 in

C: Total Length Option

05 0.5 meter (20 in)

10 1.0 meter (39 in)

50 5.0 meters (16.4 feet)

70 7.0 meters (23.0 feet)

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 Multiple Approvals

3300 NSv Proximity Probes, Metric

330903 3300 NSv Probe, M8X1 thread, without armor

330904 3300 NSv Probe, M8X1 thread, with armor

330905 3300 NSv Probe, M10X1 thread, without armor

330910 3300 NSv Probe, M10X1 thread, with armor

Part Number-AA-BB-CC-DD-EE

A: Unthreaded Length Option



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

Order in increments of 10 mm.

Length configuration:

Maximum unthreaded length:

230 mm

Minimum unthreaded length:

0 mm

Example:

06 = 60 mm

B: Overall Case Length Option

Order in increments of 10 mm.

Metric thread configurations:

Maximum length: 250 mm

Minimum length: 20 mm

Example: **06** = 60 mm

C: Total Length Option

05 0.5 meter (20 in)

10 1.0 meter (39 in)

50 5.0 meters (16.4 feet)

70 7.0 meters (23.0 feet)

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 Multiple Approvals

3300 NSv Reverse Mount Probe

330906-02-12-CC-DD-EE 3/8-24 UNF threads

330907-05-30- CC-DD-EE M10X1 threads

C: Total Length Option

05 0.5 meter (20 in)

10 1.0 meter (39 in)

50 5.0 meters (16.4 feet)

70 7.0 meters (23.0 feet)

D: Connector Option

02 Miniature coaxial ClickLoc connector, standard cable

12 Miniature coaxial ClickLoc connector, FluidLoc cable

E: Agency Approval Option

00 Not required

05	<p>Multiple Approvals</p> <div style="border: 1px solid black; padding: 5px; margin-top: 10px;">  For a shorter delivery time, order commonly stocked probes. Currently, stocked probes consist of the following part numbers: 330901-00-24-05-02-00, 330901-00-90-05-02-00, 330902-00-50-05-02-00, 330902-00-95-05-02-00, 330903-00-02-10-02-00, 330903-00-03-10-02-00, 330906-02-12-05-02-00. </div>
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3300 XL NSv Proximitors Sensor

330980-AA-BB

A: Total Length and Mounting Option

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 ¹
70	7.0 meters (23.0 feet) system length, panel mount
71	7.0 meters (23.0 feet) system length, DIN mount
72	7.0 meters (23.0 feet) system length, no mounting hardware ¹

B: Agency Approval Option

00	Not required
05	Multiple approvals

3300 NSv Extension Cable

330930-AAA-BB-CC

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

A: Cable Length Option

040	4.0 meters (13.1 feet)
045	4.5 meters (14.8 feet)
060	6.0 meters (19.7 feet)
065	6.5 meters (21.3 feet)

B: Connector and Cable Option

00	Without stainless steel armor
01	With stainless steel armor, with FEP jacket
02	With stainless steel armor, without FEP jacket
03	Without stainless steel armor, with connector protector
04	With stainless steel armor, with FEP jacket, with connector protector
05	With stainless steel armor, without FEP jacket, with connector protector
06	FluidLoc cable without stainless steel armor
07	FluidLoc cable with stainless steel armor, with FEP jacket
08	FluidLoc cable with stainless steel armor, without FEP jacket
09	FluidLoc without stainless steel armor, with connector protector

10	FluidLoc cable with stainless steel armor, with FEP jacket, with connector protector		
11	FluidLoc cable with stainless steel armor, without FEP jacket, with connector protector	03200006	Silicone self-fusing tape. A 9.1 meter (10 yard) roll of silicone tape to protect connectors. It is easy to install and provides excellent electrical isolation and protection from the environment. It is not recommended for use inside the casing of the machine.
C: Agency Approval Option			
00	Not Required		
05	Multiple Approvals	40113-03	Connector Protector Kit for 3300 NSv probes and extension cables, including connector protectors and installation tools.
Accessories			
147357	3300 XL NSv Proximitor User Guide		
02120015	Bulk field wire. 1.0 mm ² (18 AWG), 3 conductor, twisted, shielded cable with drain wire. Specify length in feet.		
138492-01	Replacement panel-mount mounting pad		
138493-01	Replacement DIN-mount mounting pad		
01609137	BNC (F) to banana plugs		
01609138	Proximitor Connector Test Pin wiring (two test pins to a BNC (F) connector)		
40971-04	50 Ω cable with two BNC (M) connectors. Use this cable in combination with adapter 01609137 and adapter 01609138 when checking performance of the transducer system from the Proximitor Sensor test pin holes.		
04310310	3300 XL Proximitor Sensor Panel-mount Screws. Package includes one 6-32 UNC thread forming mounting screw (supplied standard with 3300 XL Proximitor Housings [3300 XL option]).		
		136536-01	Connector Protector Adapter. Allows connector protector installation tools manufactured prior to 1998 to be used with 75 Ω ClickLoc connectors.
		40180-03	Connector Protectors. Package contains 10 pairs of connector protectors.
		03800000	Male Connector Protector. Placed on the extension cable to connect to the female connector protector on the probe and provide environmental protection of connectors.
		03800001	Female Connector Protector. Placed on the probe lead to connect to the male connector protector on the extension cable and provide environmental protection of connectors. Also placed on the extension cable to slide over the Proximitor Sensor connection and protect it from the environment.
		330153-05	3300 NSv Connector Kit. Used on 3300 NSv probes and extension cables. Contains one set of male and female ClickLoc connectors, sleeves and one strip of silicone tape.

163356	<p>Connector Crimp Tool Kit. Includes one set of 75 Ω ClickLoc inserts and connector installation instructions. Supplied with carrying case.</p> <p>Notes: 1. 330980 Proximitor Sensor A: options 52 and 72 come without a mounting pad and should be ordered only as spares. Each Proximitor Sensor needs a mounting pad to ensure that it is properly isolated from the housing ground.</p>
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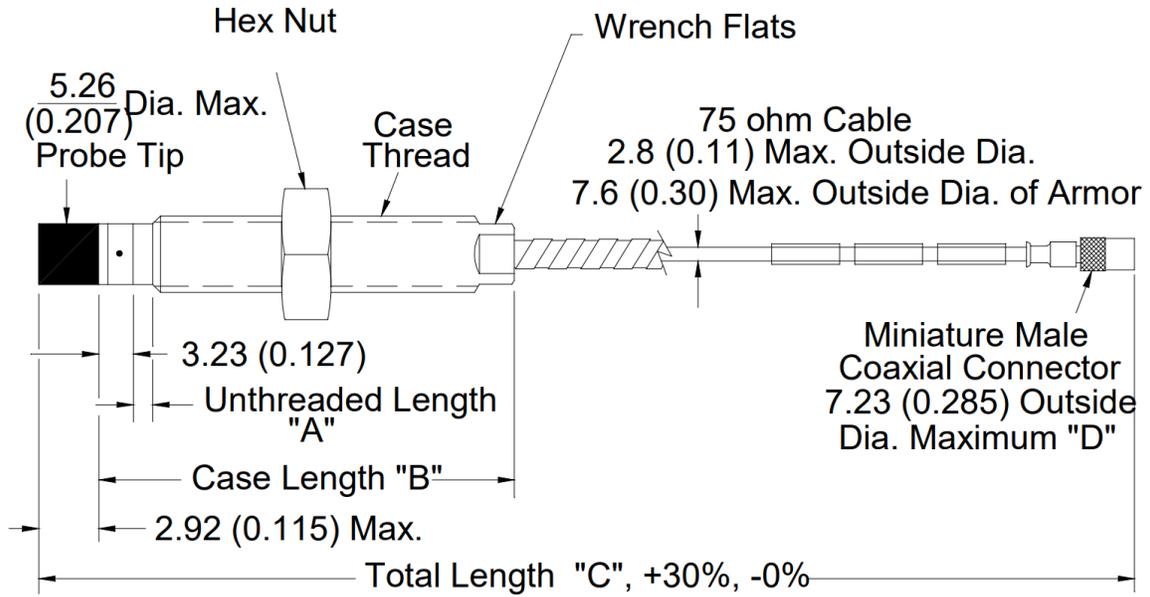
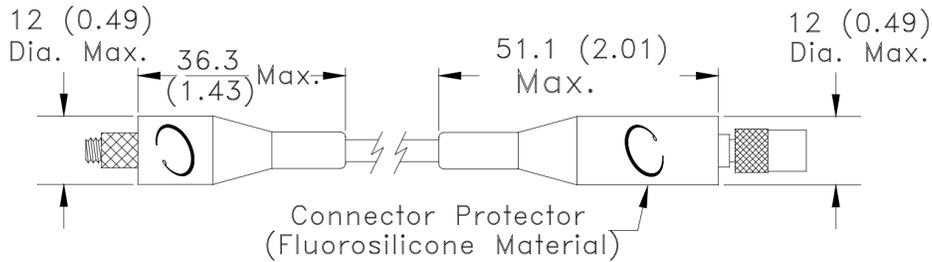


Figure 18: 3300 NSv Proximity probes, Standard Mount

- 330901, 1/4-28 UNF-2A, without armor
- 330902, 1/4-28 UNF-2A, with armor
- 330903, M8X1 thread, without armor
- 330904, M8X1 thread, with armor
- 330905, M10X1 thread, without armor
- 330908, 3/8-24 UNF-2A, without armor
- 330909, 3/8-24 UNF-2A, with armor
- 330910, M10X1 thread, with armor



Note: Connector Protector only installed on female end when optioned. Both ends available as accessories.

Figure 19: Installed Connector Protectors

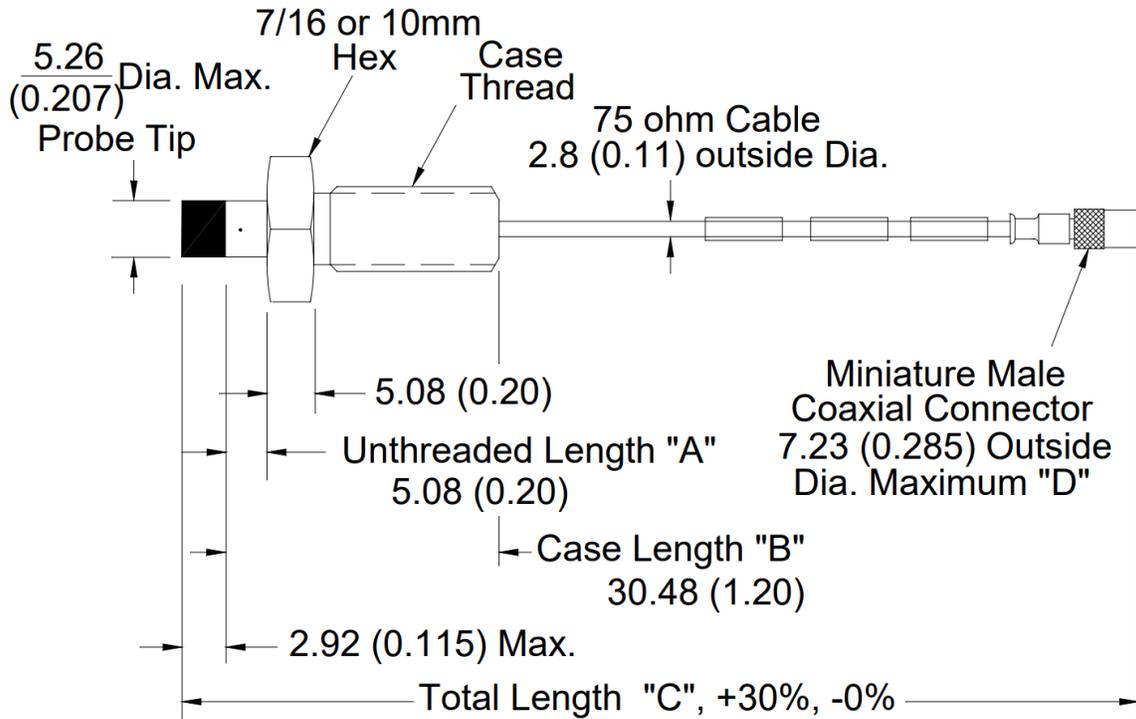


Figure 20: 3300 NSv Proximity Probes, Reverse Mount

330906, 3/8-24 UNF-2A threads

330907, M10X1 threads

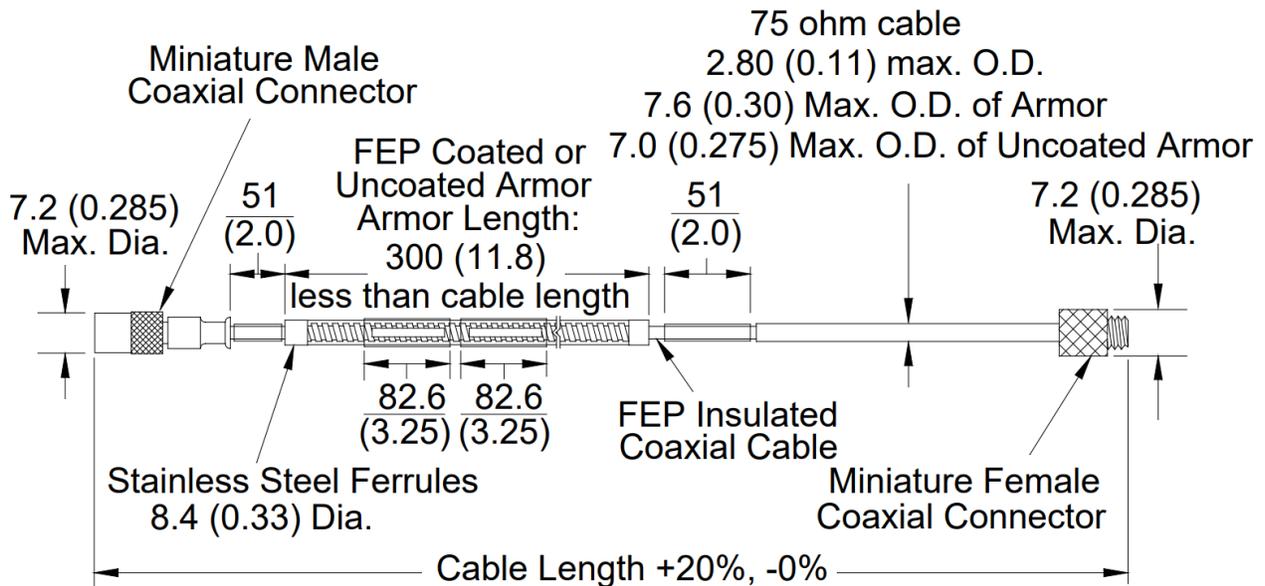


Figure 21: 330930, 3300 NSv Extension Cable

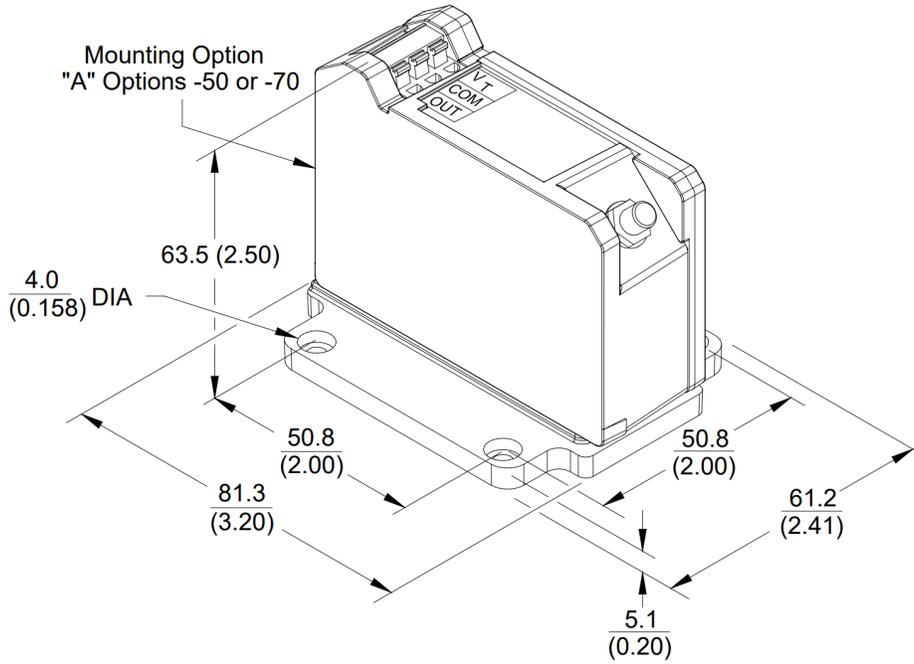


Figure 22: Panel Mount 3300 XL NSv Proximitior Sensor

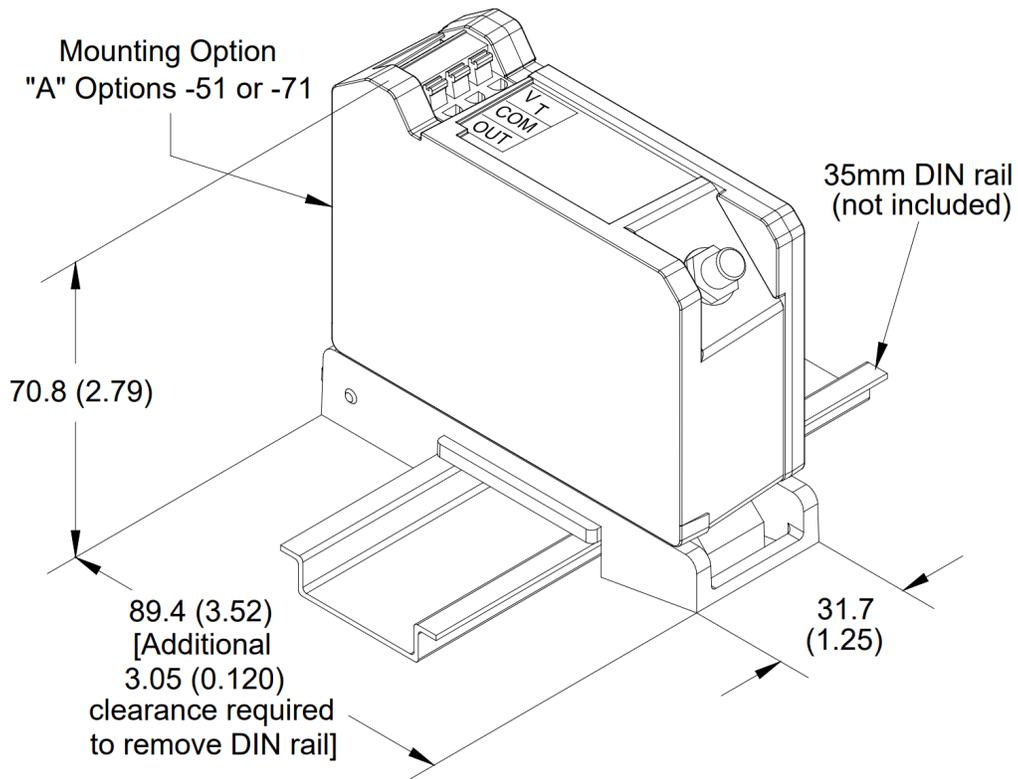


Figure 23: DIN Mount 3300 XL NSv Proximitior Sensor

Notes:

1. All dimensions on figures are in millimeters (inches) unless otherwise noted.
2. Standard mount 1/4 -28 UNF thread probes are supplied with 7/16 inch lock nut and 7/32 wrench flats.
3. Standard mount M8x1 thread probes are supplied with 13 mm lock nut and 7 mm wrench flats.
4. Standard mount 3/8-24 UNF thread probes are supplied with 9/16 inch lock nut and 5/16 wrench flats.
5. Standard mount M10X1 thread probes are supplied with 17 mm lock nut and 8 mm wrench flats.
6. Reverse mount probes are not available with armor or connector protector options.
7. Letters inside quotation marks on figures refer to probe ordering options.
8. Stainless steel armor is supplied with or without FEP outer jacket.
9. FEP jacket is standard on all non-armored probes.

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