

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.

Proximity Probe Housing Assemblies

21000-AA-BB-CC-DDD-EE-FF

A: Probe with Connector

00	Probe not required
14	420 nuclear
16	3300 XL 8mm probe
26	3300 XL NSv probe
27	3300 XL NSv probe, selectable hazardous area approvals
28	3300 XL 8mm probe, selectable hazardous area approvals
29	3300 XL 11mm probe
30	3300 XL 11mm probe, selectable hazardous area approvals
31	3300 XL NSv probe with connector protector
32	3300 XL NSv probe with connector protector, selectable hazardous area approvals
33	3300 XL 8mm probe with connector protector
34	3300 XL 8mm probe with connector protector, selectable hazardous area approvals

35	3300 XL 11mm probe with connector protector
36	3300 XL 11mm probe with connector protector, selectable hazardous area approvals
37	3300 XL 8mm probe, ETR, selectable hazardous area approvals (available for 21000 only)

B: Probe Cable Length

00	Probe cable not required
05	0.5 m (20 in)
10	1.0 m (39 in)
12	12.0 in
18	18.0 in
24	24.0 in
30	30.0 in
36	36.0 in

C: Standoff Adapter (Option C Dimension)

15	Minimum length 1.5 in (38 mm)
75	Maximum length 7.5 in (191 mm)

Recommendation

Order in increments of 0.5 in (13 mm)

Examples

1.5 in (38 mm) = **15**
No standoff adapter = **00**

D: Probe Penetration (Option D Dimension)

10	Minimum length 1.0 in (25.4 mm)
Other	
	Recommendation Order in increments of 0.1 in (3 mm)

Examples

3.7 in (94 mm) = **037**

22.4 in (569 mm) = **224**



Probe P/N and S/N may be displayed on a flag label for some combinations of the C plus D options where only a small section of the probe cable is visible.



For probe penetration lengths between 1.0 and 2.0 inches, it may be necessary to counter bore the machine case to reduce probe side view or rear view effects.



If you select a probe penetration length (C plus D) greater than 300 mm (12 in), you must add sleeve support near the probe to prevent resonance from occurring. Adjustment range of probe penetration option D is 13 mm (± 0.5 in). For the maximum value of C plus D, see [Figure 1: 21000/CA21000 Proximity Probe Housing Assembly on page 16](#).

E: Fittings

00	Without fittings
01	One 3/4-14 NPT explosion-proof fitting One 3/4-14 NPT plug
02	Two 3/4-14 NPT explosion-proof fittings
03	One 3/4-14 NPT plug One 3/4-14 to 1/2-14 NPT reducer One cable seal grip with grommets for the following cable sizes: • 1/8 to 3/16 inches • 1/4 to 5/16 inches • 5/16 to 3/8 inches
04	One 3/4-14 NPT plug only



Although explosion-proof fittings are available for all housings, only CA versions of the housing are rated as explosion-proof by CSA when ordered with the **E:00**, **E:01**, **E:02**, or **E:04** options.

F: Mounting Thread

01	As cast without threads
	3/4-14 NPT
02	Must be ordered if Standoff Adapter Length option is not 00 .
04	1/2-14 BSP

24701-AA-BB-CC-DDD-EE-FF

A: Probe with Connector

00	Probe not required
14	420 nuclear
16	3300 XL 8mm probe
26	3300 XL NSv probe
27	3300 XL NSv probe, with approval option
28	3300 XL 8mm, with approval option
29	3300 XL 11mm
30	3300 XL 11mm, with approval option
31	3300 XL NSv with connector protector
32	3300 XL NSv with connector protector and approval option
33	3300 XL 8mm with connector protector
34	3300 XL 8mm with connector protector and approval option