

## 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](http://bntechsupport.com) and access the Bently Nevada Media Library.

## Proximity Probe Housing Assemblies

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

#### A: Probe with Connector

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

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

#### B: Probe Cable Length

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

#### C: Standoff Adapter (Option C Dimension)

<b>15</b>	Minimum length 1.5 in (38 mm)
<b>75</b>	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)

<b>10</b>	Minimum length 1.0 in (25.4 mm)
<b>Other</b>	

#### 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 ( $\pm 0.5$  in). For the maximum value of C plus D, see [Figure 1: 21000/CA21000 Proximity Probe Housing Assembly on page 16](#).

**E: Fittings**

<b>00</b>	Without fittings
<b>01</b>	One 3/4-14 NPT explosion-proof fitting One 3/4-14 NPT plug
<b>02</b>	Two 3/4-14 NPT explosion-proof fittings
<b>03</b>	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: <ul style="list-style-type: none"> <li>• 1/8 to 3/16 inches</li> <li>• 1/4 to 5/16 inches</li> <li>• 5/16 to 3/8 inches</li> </ul>
<b>04</b>	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**

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

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

**A: Probe with Connector**

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