To externally mount proximity probes, use one of these all-metal Proximity Probe Housing Assemblies:

- 21000 aluminum probe housing assembly
- 24701 stainless steel probe housing assembly

The 21000/24701 Proximity Probe Housing Assemblies consist of the following parts:

- A dome cover that screws into the body of the housing
- Threaded ports for conduit connections
- A probe sleeve of optional length
- 0-rings
- A reverse mount proximity probe
- A thread seal
- Optional conduit fittings
- An optional standoff adapter

A newer 31000/32000 proximity probe housing assembly is available with more flexible mounting options, better environmental resistance, and other improved features. We recommend this proximity probe housing assembly for installations where an explosion proof housing is not required. See 31000 and 32000 Proximity Probe Housings product datasheet (part number 141610-01).

The 21000/24701 Proximity Probe Housing Assemblies are available with Canadian Standards Association (CSA) approvals. They are rated explosion proof for hazardous areas.

You can order hazardous area approved proximity probes with 21000 aluminum and 24701 stainless steel housings for intrinsically safe applications. Both housings are certified as CSA Type 4 enclosures and are fully compliant with the American Petroleum Institute’s (API) 670 Standard for externally mounted proximity probe housings.

The 164818 Compact Proximity Probe Housing is also available for applications with space restrictions. Ceramic capped probes are available with the 164818 housing.

Sleeve length is determined by the location in which the probe and housing are installed. The probe lead must be longer than the sleeve. Sleeve lengths longer than 304 mm (12 inches) require additional
sleeve support to reduce the vibration associated with unsupported long sleeve lengths.

Bently Nevada offers a probe support and oil seal (part number 37948-01) for long sleeves that must go through an inner bearing housing. We also make custom sleeve supports.

**Related Documents**

For probe information, refer to the following manuals:

- **3300 XL 8mm & 3300 5mm Proximity Transducer System Installation Manual** (document 141078)
- **3300 XL NSv™ Proximity Transducer System Installation Manual** (document 147357)
- **3300 XL 11mm Proximity Transducer System Installation Manual** (document 146255)
- Radiation Resistant Probe & Proximititor* System (Document TW8029407)
**Specifications**

**Environmental**

**Temperature Range**

<table>
<thead>
<tr>
<th>Probe Type</th>
<th>Operating and Storage</th>
<th>Temperature Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>3300 XL 8 mm</td>
<td>Operating: -51 °C to +177 °C (-60 °F to +351 °F) Storage: -51 °C to +177 °C (-60 °F to +351 °F)</td>
<td></td>
</tr>
<tr>
<td>3300 XL 11 mm</td>
<td>Operating: -51 °C to +177 °C (-60 °F to +351 °F) Storage: -51 °C to +177 °C (-60 °F to +351 °F)</td>
<td></td>
</tr>
<tr>
<td>3300 NSV</td>
<td>Operating: -34 °C to +177 °C (-30 °F to +351 °F) Storage: -51 °C to +177 °C (-60 °F to +351 °F)</td>
<td></td>
</tr>
</tbody>
</table>

---

**CAUTION**

**EQUIPMENT DAMAGE** Exposing 3300 XL or 3300 NSV probes to temperatures below -34 °C (-30 °F) may cause premature failure of their pressure seals.

---

**Mechanical**

<table>
<thead>
<tr>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>21000: Aluminum body with 304 stainless steel sleeve</td>
</tr>
<tr>
<td>24701: 303 stainless steel body, with 304 stainless steel sleeve</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mass (Weight)</th>
</tr>
</thead>
<tbody>
<tr>
<td>21000: 1.1 kg (2.4 lb) typical, without fittings</td>
</tr>
<tr>
<td>24701: 1.8 kg (4.1 lb) typical, without fittings</td>
</tr>
<tr>
<td>Monitor Module: 1 full-height front slot</td>
</tr>
<tr>
<td>I/O Modules: 1 full-height rear slot</td>
</tr>
</tbody>
</table>

---

**Hazardous Area Approvals 21000 and 24701**


CA housings are certified by CSA for explosion-proof applications in the following areas:

<table>
<thead>
<tr>
<th>North America</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 1 Divisions 1 and 2 Groups C D</td>
</tr>
<tr>
<td>Class 2 Divisions 1 and 2 Groups E F G</td>
</tr>
<tr>
<td>Class III Enclosure Type 4</td>
</tr>
<tr>
<td>T5 @ Ta = -50 °C to +40 °C</td>
</tr>
<tr>
<td>T4 @ Ta = -50 °C to +80 °C</td>
</tr>
</tbody>
</table>

---

Document: 141600-01
Rev. L
Page 3 of 14
Ordering Information


21000/24701 Proximity Probe Housing Assemblies

21000-AXX-BXX-CXX-DXXX-EXX-FXX

A: Probe with Connector

00  Probe not required
14  420 nuclear
15  300 nuclear
16  3300 XL 8 mm probe
26  3300 NSV probe
27  3300 NSV probe, selectable hazardous area approvals
28  3300 XL 8 mm probe, selectable hazardous area approvals
29  3300 XL 11 mm probe
30  3300 XL 11 mm probe, selectable hazardous area approvals
31  3300 NSV probe with connector protector
32  3300 NSV probe with connector protector, selectable hazardous area approvals
33  3300 XL 8 mm probe with connector protector
34  3300 XL 8 mm probe with connector protector, selectable hazardous area approvals
35  3300 XL 11 mm probe with connector protector
36  3300 XL 11 mm probe with connector protector, selectable hazardous area approvals
37  3300 XL 8 mm 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: 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 No standoff adapter = 00

D: Probe Penetration (Option D Dimension)

010  Minimum length 1.0 in (25.4 mm)
other  see "21000/CA21000 Dimensions" on page 12

Example 3.7 in (94 mm) = 037
22.4 in (569 mm) = 224

Recommendation Order in increments of 0.1 in (3 mm)

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 "21000/CA21000 Dimensions" on page 12.
E: Fittings

00 Without fittings
01 One explosion-proof fitting and one plug
   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
02 Two explosion-proof fittings
03 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.
04 One 3/4-14 NPT plug only

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-AXX-BXX-CXX-DXXX-EXX-FXX

A: Probe with connector

00 Probe not required
14 420 nuclear
16 3300 series 8mm probe
26 3300 NSv probe
27 3300 NSv probe, with approval option
28 3300 series 8mm, with approval option
29 3300 series 11mm
30 3300 series 11mm, with approval option
31 3300 NSv with connector protector
32 3300 NSv with connector protector and approval option
33 3000 8mm with connector protector
34 3000 8mm with connector protector and approval option
35 3300 11mm with connector protector
36 3300 11mm with connector protector and approval option
37 3300 8mm ETR, with approval option

B: Probe Cable Length

00 Probe cable not required
05 20 in (0.5 m)
10 39 in (1.0 m)
12 12.0 in (3.6 m)
18 18.0 in (5.4 m)
24 24.0 in (7.3 m)
30 30.0 in (9.1 m)
36 36.0 in (10.9 m)

C: Adaptor (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)

010 Minimum length 1.0 in (25.4 mm)
other see “21000/CA21000 Dimensions” on page 12
Example

- 3.7 in (94 mm) = 037
- 22.4 in (569 mm) = 224

Recommendation

Order in increments of 0.1 in (3 mm)

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 "21000/CA21000 Dimensions" on page 12.

E: Fittings

- 00 Without fittings
- 01 One explosion-proof fitting and one plug
- 02 Two explosion-proof fittings
  - 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
- 03 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
- 02 3/4-14 NPT (see note below). Must be ordered if Standoff Adapter Length Option is not 00.
- 03 1-11 1/2 NPT (see note below)
- 04 1/2-14 BSP
- 05 7/8-14 UNF-2A

For CA21000 housing, option F must be 02.

Options 02 and 03 for mounting threads have more threads than standard NPT threads. They have been machined to have approximately 5 - 7 full threads to increase mounting strength and stiffness.

Explosion-Proof Housing Assemblies

CA21000-AXX-BXX-CXX-DXXX-EXX-F02

Options A:00 and B:00 are linked. If you choose A:00, you must also select B:00.

A: Probe with connector

- 00 Probe not required
- 01 190 series, CSA, BNPS connector
- 02 190 series, CSA, API connector
- 27 3300 NSv, multiple approval
- 28 3300 series 8mm, multiple approval
- 30 3300 series 11mm, multiple approval
- 32 3300 NSv with connector protector, multiple approval
- 34 3300 8mm with connector protector, multiple approval
- 36 3300 11mm with connector protector, multiple approval

B: Probe Cable Length

- 05 0.5 metre (20 inches)
- 20 1.0 metre (39 inches)

C: Adaptor (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)

- 010 Minimum length 1.0 in (25.4 mm)

other see "21000/CA21000 Dimensions" on page 12
Example
3.7 in (94 mm) = 037
22.4 in (569 mm) = 224

Recommendation
Order in increments of 0.1 in (3 mm)

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 "21000/CA21000 Dimensions" on page 12.

E: Fittings

00 Without fittings
01 One explosion-proof fitting and one plug
02 Two explosion-proof fittings
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
03 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.

For non-explosion-proof housings, if you choose a probe with selectable hazardous area approvals, you must choose a probe with matching approval options.

When ordering a proximitor and an extension cable with the housing, choose a probe with matching approval options.

You can only order probes for CA21000 or CA24701 with multiple approvals. To order CA versions with no probe, select the A:00 option.

CA24701-AXX-BXX-CXX-DXX-DXX-EXX-FXX

A: Probe with connector

00 Probe not required
19 series, CSA, BNPS connector
02 19 series, CSA, API connector
27 3300 NSv, multiple approval
28 3300 series 8mm, multiple approval
30 3300 series 11mm, multiple approval
32 3300 NSv with connector protector, multiple approval
34 3300 8mm with connector protector, multiple approval
36 3300 11mm with connector protector, multiple approval

B: Probe Cable Length

00 Probe cable not required
05 20 in (0.5 m)
10 39 in (1.0 m)
12 12.0 in (3.6 m)
18 18.0 in (4.5 m)
24 24.0 in (7.3 m)
30 30.0 in (9.1 m)
36 36.0 in (10.9 m)

C: 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)

010 Minimum length 1.0 in (25.4 mm)

Other see "21000/CA21000 Dimensions" on page 12

Example
3.7 in (94 mm) = 037
22.4 in (569 mm) = 224

Recommendation
Order in increments of 0.1 in (3 mm)
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 "21000/CA21000 Dimensions" on page 12.

E: Fittings

00 Without fittings
01 One explosion-proof fitting and one plug
02 Two explosion-proof fittings
   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
03 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
02 3/4-14 NPT (see note below). Must be ordered if Standoff Adapter Length Option is not 00.
03 1-11 1/2 NPT (see note below)
04 1/2-14 BSP
05 7/8-14 UNF-2A

For CA21000 housing, option F must be 02.

Options 02 and 03 for mounting threads have more threads than standard NPT threads. They have been designed to have approximately 5 - 7 full threads to increase mounting strength and stiffness.

164818 Compact Proximity Probe Housing

164818-AX-BX-cxx-DX-EX-FX-GX

A: Probe with connector

00 No probe
01 3300 NSV probe
02 3300 XL 8 mm probe
03 3300 XL 11 mm probe
04 3300 8 mm ceramic-capped probe
05 3300 NSV probe with multi-approvals
06 3300 XL 8 mm probe with multi-approvals
07 3300 XL 11 mm probe with multi-approvals
08 3300 8 mm Ceramic Capped Probe with multi-approvals

B: Cap Height

20 2.0 inches
40 4.0 inches
60 6.0 inches

C: Sleeve Length

010 Minimum length 1.0 in (25.4 mm)
292 Maximum length 29.1 in (762 mm)

Examples

<table>
<thead>
<tr>
<th>Length (mm)</th>
<th>Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.0 (76.2)</td>
<td>030</td>
</tr>
<tr>
<td>22.4 (569)</td>
<td>224</td>
</tr>
</tbody>
</table>

Recommendation: Order in increments of 0.1 in (3 mm)

D: Mounting Thread

01 3/4-14 NPT
02 G 3/4 (3/4-14 BSPP)
03 M24 x 1.5

E: O-ring Option

01 Viton
02 Neoprene
03 Ethylene propylene
**F:** Read Thread Type

- **01** 1/2-14 NPT
- **02** M16 x 1.5
- **03** M20 x 1.5

**G:** Probe Cable Length

- **05** 0.5 metre (20 in)
- **10** 1.0 metre (39 in)
**Accessories**

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>37948-01</td>
<td>Probe Support / Oil Seal Recommended for sleeves longer than 305 mm (12 in)</td>
</tr>
</tbody>
</table>

**Individual Probe Sleeve for 21000/24701 Proximity Probe Housings 44382-AXXX**

**A:** Measured probe sleeve length

**Recommendation** Order in increments of 0.1 in (3 mm)

The individual probe sleeve length does **not** include the distance from the end of the sleeve to the probe tip or the gap from the probe tip to the target material. If only the part number of the original housing is known, and the sleeve cannot be measured, use the following table to determine the sleeve length:

<table>
<thead>
<tr>
<th>AXXX</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Standoff adapter option from original housing (21000, CA21000, 24701, or CA24701 option C) <strong>plus</strong> Probe penetration option from original housing (21000, CA21000, 24701, or CA24701 option D) <strong>and</strong> 045</td>
<td>All housing AXX options except NSv and 11 mm probes (options other than A:06, A:12, A:26, A:27, A:29, A:30, A:31, A:32, A:35, or A:36)</td>
</tr>
</tbody>
</table>

**Example**

Original part number 21000-16-10-15-035-03-02

**AXXX** option for replacement sleeve (015 + 035 + 045) = **095**

| Standoff Adapter Option from original housing (21000, CA21000, 24701, or CA24701 option C) **plus** Probe penetration option from original housing (21000, CA21000, 24701, or CA24701 option D) **and** 046 | Housing AXX options for 3300 NSv probe options (A:26, A:27, A:31, or A:32) |

**Example**

Original part number 24701-31-10-15-090-03-02

**AXXX** option for replacement sleeve (015 + 090 + 046) = **151**

| Standoff Adapter Option from original housing (21000, CA21000, 24701, or CA24701 option C) **plus** Probe penetration option from original housing | Housing AXX options for 3300 XL 11 mm probe options (A:29, A:30, A:35, or A:36) |

**Minimum Probe Sleeve Length**

For all probes except NSv and 11 mm probes

<table>
<thead>
<tr>
<th>AXXX</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>(21000, CA21000, 24701, or CA24701 option D) <strong>and</strong> 037</td>
<td>Example</td>
</tr>
</tbody>
</table>

Original part number CA24701-36-10-40-053-02-02

**AXXX** option for replacement sleeve (040 + 053 + 037) = **130**

**Standoff Adapter Option from original housing (21000, CA21000, 24701, or CA24701 option C) **plus** Probe penetration option from original housing (21000, CA21000, 24701, or CA24701 option D) **and** 039 | Housing AXX options for 7200 Series 11 mm probe options (A:06 or A:12) |

**Example**

Original part number CA24701-12-10-30-113-01-02

**AXXX** option for replacement sleeve (030 + 113 + 039) = **182**

**Maximum Probe Sleeve Length**

All 0.5 meter probes except NSv and 11 mm probes

<table>
<thead>
<tr>
<th>AXXX</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>5.5 in (140 mm) = <strong>055</strong></td>
<td>Example</td>
</tr>
</tbody>
</table>

5.5 in (142 mm) = **056**

4.7 in (119 mm) = **047**

**Individual Standoff Adapter 21003-AXXX**

**A:** Individual Standoff Adapter

<table>
<thead>
<tr>
<th>Order in increments of 0.5 in (13 mm)</th>
<th>015 Minimum length 1.5 in (38 mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Example 1</td>
<td>4.5 in (114 mm) = <strong>045</strong></td>
</tr>
</tbody>
</table>

For desired probe penetration lengths of less than 25 mm (1 in), order a separate
Individual Standoff Adapter.

The effective probe penetration length will then be reduced by the length of the Individual Standoff Adapter, plus an additional 13 mm (0.5 in) due to the NPT thread engagement.

Example 2

To create a probe penetration length of 13 mm (0.5 in), order a 21000 housing with DXXX (probe penetration) option of 030 [76 mm (3 in)] and a separate individual standoff adapter that is 51 mm (2.0 in) in length (part number 21003-020).

The standoff adapter covers 38 mm (2.0 in) of the probe sleeve plus an additional 13 mm (0.5 in).

Therefore, the effective probe penetration length drops to 13 mm (0.5 in).

If you use effective penetration lengths of less than 1.0 inches, signal effects are likely due to probe side view or rear view of metal components.

**Spare 3300 XL 8 mm Reverse Mount Probe, 3/8-24 UNF threads**

**330906-02-12-CXX-DXX-EXX**

<table>
<thead>
<tr>
<th>C: Total Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>05 0.5 meter (1.6 feet)</td>
</tr>
<tr>
<td>10 1.0 meter (3.3 feet)</td>
</tr>
<tr>
<td>15 1.5 meter (4.9 feet)</td>
</tr>
<tr>
<td>20 2.0 meters (6.6 feet)</td>
</tr>
<tr>
<td>50 5.0 meters (16.4 feet)</td>
</tr>
<tr>
<td>90 9.0 meters (29.5 feet)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D: Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>00 Connector not installed</td>
</tr>
<tr>
<td>02 Miniature ClickLoc coaxial connector</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E: Agency Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>00 Not required</td>
</tr>
<tr>
<td>05 Multiple approvals</td>
</tr>
</tbody>
</table>

**Spare 3300 XL 11 mm Reverse Mount Probe, 3/8-24 UNF threads**

**330705-02-18-CXX-DXX-EXX**

<table>
<thead>
<tr>
<th>C: Total Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 0.5 meter (1.6 feet)</td>
</tr>
<tr>
<td>50 5.0 meters (16.4 feet)</td>
</tr>
<tr>
<td>90 9.0 meters (29.5 feet)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>D: Connector</th>
</tr>
</thead>
<tbody>
<tr>
<td>00 Without connector</td>
</tr>
<tr>
<td>02 With miniature male coaxial connector</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>E: Agency Approval</th>
</tr>
</thead>
<tbody>
<tr>
<td>00 Not required</td>
</tr>
<tr>
<td>05 Multiple approvals</td>
</tr>
</tbody>
</table>
Graphs and Figures

Table 1: 21000/CA21000 Dimensions

<table>
<thead>
<tr>
<th>Probe Cable Length</th>
<th>Maximum (C) + (D) with visible probe (P/N and S/N)</th>
<th>Maximum (C) + (D) Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 in</td>
<td>Not visible</td>
<td>5.0 in (12.7 mm)</td>
</tr>
<tr>
<td>18 in</td>
<td>4.0 in (10.1 cm)</td>
<td>10.5 in (26.6 mm)</td>
</tr>
<tr>
<td>24 in</td>
<td>9.7 in (24.6 cm)</td>
<td>16.1 in (40.9 mm)</td>
</tr>
<tr>
<td>30 in</td>
<td>15.4 in (39.1 mm)</td>
<td>21.7 in (51.1 mm)</td>
</tr>
<tr>
<td>36 in</td>
<td>21.1 in (53.6 mm)</td>
<td>27.3 in (69.3 mm)</td>
</tr>
<tr>
<td>0.5 m</td>
<td>Not visible</td>
<td>13.5 in (34.3 mm)</td>
</tr>
<tr>
<td>1.0 m</td>
<td>17.0 in (43.18 mm)</td>
<td>32.9 in (83.5 mm)</td>
</tr>
</tbody>
</table>

Figure 1: 21000/CA21000 Proximity Probe Housing Assembly

Dimensions are in millimeters (inches).
Table 2: 24701/CA24701 Dimensions

<table>
<thead>
<tr>
<th>Probe Cable Length</th>
<th>Maximum (C) + (D) with visible probe (P/N and S/N)</th>
<th>Maximum (C) + (D) Dimension</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 in</td>
<td>Not visible</td>
<td>5.0 in (12.7 mm)</td>
</tr>
<tr>
<td>18 in</td>
<td>4.0 in (10.1 cm)</td>
<td>10.5 in (26.6 mm)</td>
</tr>
<tr>
<td>24 in</td>
<td>9.7 in (24.6 cm)</td>
<td>16.1 in (40.9 mm)</td>
</tr>
<tr>
<td>30 in</td>
<td>15.4 in (39.1 mm)</td>
<td>21.7 in (51.1 mm)</td>
</tr>
<tr>
<td>36 in</td>
<td>21.1 in (53.6 mm)</td>
<td>27.3 in (69.3 mm)</td>
</tr>
<tr>
<td>0.5 m</td>
<td>Not visible</td>
<td>13.5 in (34.3 mm)</td>
</tr>
<tr>
<td>1.0 m</td>
<td>17.0 in (43.18 mm)</td>
<td>29.2 in (74.2 mm)</td>
</tr>
</tbody>
</table>

Figure 2: 24701/CA24701 Proximity Probe Housing Assembly

Dimensions are in millimeters (inches).