

## Metric Proximity Probe Housing Assemblies

### 32000 - AA-BB-CC-DDD-EE-FF

#### A: Probe with Connector

|           |  |
|-----------|--|
| <b>00</b> | Probe not required   |
| <b>16</b> | 3300 XL 8 mm probe   |
| <b>26</b> | 3300 XL NSv probe  |
| <b>27</b> | 3300 XL NSv probe, multiple approvals                            |
| <b>28</b> | 3300 XL 8 mm probe, multiple approvals                           |
| <b>29</b> | 3300 XL 8 mm probe, with connector protector                     |
| <b>30</b> | 3300 XL 8 mm probe, with connector protector, multiple approvals |
| <b>31</b> | 3300 XL NSv probe with connector protector                       |
| <b>32</b> | 3300 XL NSv probe with connector protector, multiple approvals   |
| <b>33</b> | 3300 XL 11 mm probe  |
| <b>34</b> | 3300 XL 11 mm probe, multiple approvals                          |
| <b>35</b> | 3300 XL 11 mm probe with connector protector                     |
| <b>36</b> | 3300 XL 11 mm probe with connector protector, multiple approvals |

#### B: Probe Cable Length

|           |   |
|-----------|---|
| <b>00</b> | Probe cable not required (Option A must also be 00) |
| <b>05</b> | 0.5 m (20 in)                                       |
| <b>10</b> | 1.0 m (39 in)                                       |

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



Must be ordered if Standoff Adapter Length option is not 00.

**04** Minimum length 40 mm

**20** Maximum length 200 mm

#### Recommendation

Order in increments of 10 mm

#### D: Probe Penetration Option (Option D Dimension)

**760** Maximum length 760 mm

**025** Minimum length 25 mm

#### Recommendation

Order in increments of 1.0 mm

#### Examples

No probe sleeve = **000**

50 mm = **050**

760 mm = **760**



"C" plus "D" dimensions greater than 12 in (305 mm) require additional sleeve support near the probe to prevent resonance from occurring. Sleeve adjustment range of Probe Penetration Option "D" is  $\pm 0.5$  in (13 mm).

For probe penetration lengths between 25 and 50 millimeters, it may be necessary to counter bore the machine case to reduce probe side view or rear view effects.

#### E: Fittings

**00** Without fittings; two plugs and two washers.

**01** One M25 fitting, two plugs.

**02** Two M25 fittings, one plug.

|           |   |
|-----------|---|
| <b>03</b> | Two plugs, one M20 fitting<br>One cable seal grip with grommets for armored probe cable |
| <b>05</b> | One DIN PG11 fitting, two plugs   |
| <b>07</b> | One PG21 x M20 fitting<br>Two plugs   |
| <b>08</b> | Two PG21 x M20 fittings<br>One plug   |

**F: Mounting Thread Option**

|           |  |
|-----------|--|
| <b>00</b> | No outer sleeve, retainer, or retaining nut                |
| <b>01</b> | M24 X 3  |
| <b>02</b> | 3/4-14 NPT (Required if ordering Standoff Adapter Option.) |

**Terminal Housing****106769-AA**

The 106769 housing consists of a 31000-style PPS housing with two terminal mounting blocks (each terminal block has four terminals) mounted in each housing. Sixteen ring lugs are supplied loose inside the housing for connecting transducer cables. Conduit fittings are 3/4-14 NPT chrome-plated zinc fittings.

**A: Conduit Fitting Option**

|           |              |
|-----------|--------------|
| <b>00</b> | No fittings  |
| <b>01</b> | One fitting  |
| <b>02</b> | Two fittings |