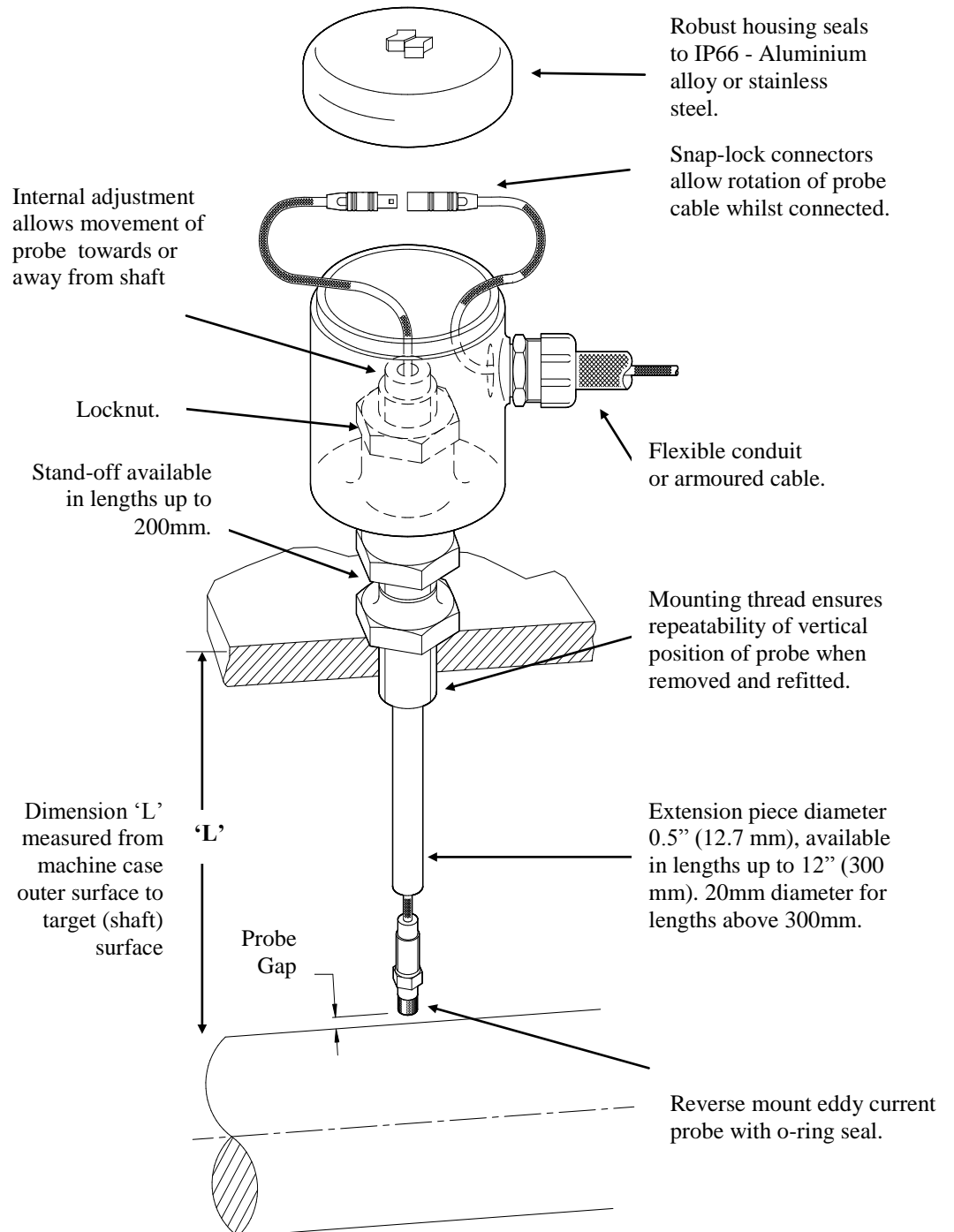


## PROXIMITY PROBE HOLDER



**ECPH Series** – Machine mountable proximity probe housings that provide a sealed method of adjusting the probe position to the machine shaft, offering various mounting and cable exit options.



Once set to correct position, providing the locknut is left untouched, the probe can be replaced by removing the whole assembly from the machine and on refitting no further adjustment is required.

# ECPH Probe Holder

## Order Information

ECPH-**AXX**-**BXX**-**CXX**-**DXX**

### A: Standoff Adapter

**(Option A Dimension):** Order in increments of 0.5 in (12.7 mm)  
Minimum length: 1.5 in = **1 5** (38.1 mm)  
Maximum length: 7.5 in = **7 5** (190.5mm)  
No standoff adapter = **0 0**  
Example:  
2.5 in (63.5 mm) = **2 5**

### B: Probe Penetration

**(Option B Dimension):** Order in increments of 0.1 in (2.54 mm).  
Minimum length: 1.0 in = **0 1 0** (25.4mm).  
Maximum length: See Table 1, "Maximum Length of A and B Dimension for Proximity Probes,"  
Examples:  
3.7 in (94 mm) = **0 3 7**.  
22.4 in (569 mm) = **2 2 4**.

**Note:** Installed probe P/N and S/N may not be visible for all available "A" plus "B" options.  
See Table 2, "Maximum A and B Dimension with Visible Probe P/N and S/N,"

For Probe Penetration Lengths between 1.0 and 2.0 inches, a counter bore may be required in machine case to reduce probe side view and/or rear view effects.

"A" plus "B" lengths greater than 300 mm (12 in) requires a larger penetration shaft diameter (20mm typ) to prevent resonance from occurring – please consult factory. Adjustment range of Probe Penetration Option "B" is +/-8mm (±0.3 in). For maximum "A" plus "B" see Table 2, "Maximum Length of A and B Dimension for Proximity Probes,"

**C: Fittings Option:** **0 0** Without fittings  
**0 1** One Explosion-proof fitting and one plug  
**0 2** Two Explosion-proof fittings  
**0 3** One 3/4-14 NPT plug; one 3/4-14 to 1/2-14 NPT reducer; one cable seal grip with grommets for cable sizes: 1/8 to 3/16, 1/4 to 5/16, and 5/16 to 3/8-in  
**0 4** One 3/4-14 NPT plug only

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

### D: Mounting Thread

**Option:** **0 1** As cast, without threads  
**0 2** 3/4-14 NPT (Must be ordered if Standoff Adapter Length Option is not -00.)  
**0 3** 1-11 1/2 NPT  
**0 4** 1/2-14 BSP  
**0 5** 7/8-14 UNF-2A  
**0 6** M24 x 3.0  
Note Options 04 – 06 are supplied with suitable 'O'-ring seal facility - machine case surface must be spot faced to suite.

**Table 1. Maximum Length of A and B Dimension for Proximity Probes**

Probe Cable Length	Maximum A & B Dimension
0.5 metre	343 mm (13.5 in)
1.0 metre	742 mm (29.2 in)



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**Table 2. Maximum A and B Dimension with Visible Probe P/N and S/N**

Probe Cable Length	Maximum A & B Dimension
0.5 metre	Not Visible
1.0 metre	432 mm (17.0 in)

