31000 PROXIMITY PROBE HOUSING

Product Data Sheet

31000-28-05-20-033-01-02

External proximity probe housing

INCLUDED PROBE	PROBE LEAD LENGTH	STANDOFF ADAPTER	PROBE PENETRATION
3300 XL 8 mm; approval option selected	**0.5 m**	**2.0 in**	**3.3 in**

Bently Nevada 31000-28-05-20-033-01-02 is an external proximity probe housing assembly with a pps body. It provides external access to the reverse-mount probe and its lead so the probe gap can be adjusted or the probe removed without dismantling the machine casing.

01 TECHNICAL DATA

Included probe	3300 XL 8 mm; approval option selected
Probe lead length	0.5 m
Standoff adapter	2.0 in
Probe penetration	3.3 in
Conduit fitting selection	One 3/4-14 NPT fitting and two plugs
Mounting thread	3/4-14 NPT
Housing body	PPS
Probe sleeve	Stainless steel
Penetration adjustment	+/- 0.5 in (13 mm)
Cover retention	Captive screws

02 ADDITIONAL PRODUCT DATA

Mounting configuration	External, reverse-mount probe
Probe access	External gap adjustment and removal
Applicable housing standard	API 670 external probe housing requirements
Enclosure limitation	Mechanical/environmental enclosure; not explosion proof
Housing cable-entry layout	Four base openings; one on each side

03 PRODUCT FUNCTION

The selected assembly combines a 3300 XL 8 mm probe with the approval option, a 0.5 m probe lead, a 2.0 in standoff adapter and 3.3 in probe penetration. Its mounting thread is 3/4-14 NPT, and the fitting selection is one 3/4-14 npt fitting and two plugs. The sleeve provides approximately +/- 0.5 in of penetration adjustment.

04 SYSTEM COMPATIBILITY

The 0.5 m probe lead must extend beyond the sleeve and remain accessible at the enclosure. Maintain the specified fitting and plug arrangement, protect the connector from strain and preserve the required sealing elements. The 31000 PPS body is not an explosion-proof enclosure.

05 REFERENCE

Bently Nevada 31000 Proximity Probe Housing Datasheet 141610 Rev. R; applicable product description, specification and ordering sections.

AMIKON PRODUCT SUPPORT

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