21000 AND 24701 PROBE HOUSINGS

Product Data Sheet

21000-28-05-15-082-01-02

External proximity probe housing

INCLUDED PROBE	PROBE LEAD LENGTH	STANDOFF ADAPTER	PROBE PENETRATION
3300 XL 8 mm; approval option selected	**0.5 m**	**1.5 in**	**8.2 in**

Bently Nevada 21000-28-05-15-082-01-02 is an external proximity probe housing assembly with a aluminum 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	1.5 in
Probe penetration	8.2 in
Conduit fitting selection	One 3/4-14 NPT fitting and one plug
Mounting thread	3/4-14 NPT
Housing body	Aluminum
Probe sleeve	AISI 304 stainless steel
Penetration adjustment	+/- 0.5 in (13 mm)
Cover retention	Screw-in dome cover

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
Sealing elements	O-rings and thread seal
Sleeve support threshold	C plus D greater than 12 in (300 mm)

03 PRODUCT FUNCTION

The selected assembly combines a 3300 XL 8 mm probe with the approval option, a 0.5 m probe lead, a 1.5 in standoff adapter and 8.2 in probe penetration. Its mounting thread is 3/4-14 NPT, and the fitting selection is one 3/4-14 npt fitting and one plug. 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. A fitting described as explosion proof does not convert the unprefixed housing into a CA-approved assembly.

05 REFERENCE

Bently Nevada 21000 and 24701 Probe Housings Datasheet 141600 Rev. AC; applicable product description, specification and ordering sections.

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