24701 PROXIMITY PROBE HOUSING ASSEMBLY

Product Data Sheet

24701-28-05-20-040-03-02

External proximity probe housing

PROBE OPTION	PROBE CABLE LENGTH	STANDOFF ADAPTER	PROBE PENETRATION
3300 XL 8 mm with multiple approvals	**0.5 m**	**2.0 in**	**4.0 in**

Bently Nevada 24701-28-05-20-040-03-02 is a External proximity probe housing in the 24701 proximity probe housing assembly. The complete order code identifies 0.5 m probe lead, 2.0-inch standoff and 4.0-inch penetration.

01 VERIFIED TECHNICAL DATA

Probe option	3300 XL 8 mm with multiple approvals
Probe cable length	0.5 m
Standoff adapter	2.0 in
Probe penetration	4.0 in
Fittings configuration	Plug, reducer and cable seal grip
Mounting thread	3/4-14 NPT
Housing material	303 stainless steel
Sleeve material	304 stainless steel
Penetration adjustment	+/-13 mm
Enclosure rating	CSA Type 4

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Measurement principle	Eddy-current proximity sensing
Linear range	0.25 to 2.30 mm
Nominal scale factor	7.87 V/mm
Frequency response	0 to 10 kHz
Calibration target	AISI 4140 steel

03 DOCUMENTED USE SETTINGS

External Probe Access and Mechanical Protection: Protected proximity probe access at turbine bearing housings.

Compression and Pumping Machinery Condition Monitoring: Pipeline compressor bearing vibration across transmission stations.

Rolling Mill and Mineral Processing Machinery Monitoring: Rolling mill drive vibration across metal processing operations.

04 SYSTEM COMPATIBILITY

Integrate 24701-28-05-20-040-03-02 only within the compatible 24701 proximity probe housing assembly. The complete code must agree with the mating sensor chain, mounting arrangement and signal-conditioning hardware.

05 PRODUCT EVIDENCE

Bently Nevada official manufacturer document for 24701 proximity probe housing assembly

AMIKON PRODUCT SUPPORT

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