3300 XL NSV PROXIMITY TRANSDUCER

Product Data Sheet

330901-00-40-10-01-05

3300 XL NSv Proximity Probe

MOUNTING THREAD	OVERALL CASE LENGTH	UNTHREADED SECTION	INTEGRAL PROBE CABLE
1/4-28 UNF	**4.0 in**	**0.0 in**	**1.0 m**

Bently Nevada 330901-00-40-10-01-05 is an unarmored 3300 XL NSv proximity probe for noncontact shaft vibration and position measurements. Its 1/4-28 UNF case has an overall length of 4.0 in and an unthreaded section of 0.0 in, allowing the sensing tip position to be set within the mounting arrangement.

01 TECHNICAL DATA

Mounting thread	1/4-28 UNF
Overall case length	4.0 in
Unthreaded section	0.0 in
Integral probe cable	1.0 m
Cable armor	None
Cable impedance	75 ohms
Cable insulation	FEP
Connector configuration	Miniature coaxial ClickLoc
Connector protector	Included
Probe tip material	Polyphenylene sulfide (PPS)

02 ADDITIONAL PRODUCT DATA

Probe case material	AISI 304 stainless steel
Agency approval selection	Multiple approvals, option 05

03 PRODUCT FUNCTION

The integral 1.0 m lead uses 75-ohm FEP-insulated cable and a miniature coaxial ClickLoc connector. A connector protector is included. The PPS sensing tip and stainless steel case form the probe assembly; the compatible extension cable and 3300 XL NSv Proximitor sensor complete the measurement chain.

04 SYSTEM COMPATIBILITY

The mounting arrangement must accept the 1/4-28 UNF thread and 4.0 in overall case length. The selected unthreaded section is 0.0 in. Route the unarmored FEP cable without crushing or tension, maintaining the installation clearances stated for the probe family.

05 REFERENCE

Bently Nevada 3300 XL NSv Proximity Transducer System Datasheet 147385; probe construction, ordering and connection sections.

AMIKON PRODUCT SUPPORT

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