3300 XL NSV PROXIMITY TRANSDUCER SYSTEM

Product Data Sheet

330901-04-24-10-02-05

Narrow sideview proximity probe

PROBE THREAD	CABLE ARMOR	UNTHREADED LENGTH	OVERALL CASE LENGTH
1/4-28 UNF	**No armor**	**0.4 in**	**2.4 in**

Bently Nevada 330901-04-24-10-02-05 is a Narrow sideview proximity probe in the 3300 XL NSv proximity transducer system. The complete order code identifies 1/4-28 UNF thread with 0.4-inch unthreaded and 2.4-inch case lengths.

01 VERIFIED TECHNICAL DATA

Probe thread	1/4-28 UNF
Cable armor	No armor
Unthreaded length	0.4 in
Overall case length	2.4 in
Total cable length	1.0 m
Connector configuration	ClickLoc without protector
Approval option	Multiple approvals
Recommended gap	1.0 mm
Linear range	0.25 to 1.75 mm
Nominal scale factor	7.87 V/mm

Values follow the applicable manufacturer documents identified on page 2.

02 ADDITIONAL PRODUCT DATA

Frequency response	0 to 10 kHz
Calibration target	AISI 4140 steel
Cable impedance	75 ohm coaxial
Probe temperature	-34 to +177 deg C

03 DOCUMENTED USE SETTINGS

Compact Shaft Position and Vibration Measurement: Close-clearance shaft vibration monitoring in compact bearing areas.

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 330901-04-24-10-02-05 only within the compatible 3300 XL NSv proximity transducer system. 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 3300 XL NSv proximity transducer system

AMIKON PRODUCT SUPPORT

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