3300 XL NSV

Product Data Sheet

330903-00-03-10-11-05

Narrow-view shaft proximity probe

CASE THREAD	UNTHREADED SECTION	OVERALL CASE LENGTH	TOTAL PROBE LEAD
M8 x 1	**0 mm**	**30 mm**	**1.0 m**

Bently Nevada 330903-00-03-10-11-05 is a 3300 NSv proximity probe for noncontact shaft vibration, position and speed measurements. The M8 x 1 standard-mount construction is intended for the matched NSv measurement chain and supports installations with restricted counterbore and side-view clearances.

01 TECHNICAL DATA

Case thread	M8 x 1
Unthreaded section	0 mm
Overall case length	30 mm
Total probe lead	1.0 m
Lead armor	None
Connector protector	Fitted
Cable construction	75 ohm coaxial; FEP insulation
Cable execution	FluidLoc
Probe tip material	PPS
Case metal	AISI 304 stainless steel

02 ADDITIONAL PRODUCT DATA

Coaxial connector	Miniature ClickLoc
Approval selection	05: multiple approvals
Probe DC resistance	4.2 +/- 0.5 ohm
Matched-chain linear range	1.5 mm
Nominal matched-chain sensitivity	7.87 V/mm

03 PRODUCT FUNCTION

This selection has a 30 mm fully threaded body and protected FluidLoc connection. The integral cable is one metre long and uses FluidLoc execution without armor. The ordered mechanical dimensions remain separate from the calibrated five- or seven-metre chain length; use matching extension cable and Proximitor electronics.

04 SYSTEM COMPATIBILITY

Connect the one-metre FluidLoc lead to the appropriate 4 m or 6 m NSv extension for a five- or seven-metre 330980 calibration. Seat the supplied connector protector after joining the ClickLoc connection. Use finger-tight coupling, not more than 0.56 N m.

05 REFERENCE

Bently Nevada 3300 XL NSv Proximity Transducer System, 147385 Rev. R.

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