

3300 XL 8 MM PROXIMITY TRANSDUCER SYSTEMS

Product Data Sheet

330101-00-47-05-02-05

8mm eddy-current proximity probe

PROBE CASE THREAD	OVERALL CASE LENGTH	INTEGRAL LEAD LENGTH	UNTHREADED CASE LENGTH
3/8-24 UNF	4.7 in (119.38 mm)	0.5 m	0.0 in

Bently Nevada 330101-00-47-05-02-05 is an 8 mm proximity probe in the 3300 XL transducer-system range. It is used with a matched extension cable and Proximitor sensor to measure shaft vibration and position in compatible machinery-monitoring arrangements.

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VERIFIED TECHNICAL DATA

Probe case thread	3/8-24 UNF
Overall case length	4.7 in (119.38 mm)
Integral lead length	0.5 m
Unthreaded case length	0.0 in
Cable armor	None
Connector configuration	ClickLoc without connector protector
Agency approval option	Multiple approvals
Probe tip diameter	8 mm
Cable impedance	75 ohm
Probe operating temperature	-51 to +177 deg C

ADDITIONAL PRODUCT DATA

Connector maximum torque	0.565 N m
Matched system linear range	2 mm; 0.25 to 2.30 mm gap
Matched system scale factor	7.87 V/mm nominal
Matched system frequency response	0 to 10 kHz
Probe DC resistance	7.45 $\pm$ 0.50 ohm

DOCUMENTED USE SETTINGS

Industrial Pulp Processing and Paperboard Manufacturing Production: Pulp Processing and Production.

Petroleum Production and Industrial Natural Gas Processing: Petroleum Production Process Monitoring.

Electric Power Production and Industrial Thermal Generation: Industrial Electric Power Production.

SYSTEM COMPATIBILITY

Bently Nevada 330101-00-47-05-02-05 is an 8 mm proximity probe in the 3300 XL transducer-system range. It is used with a matched extension cable and Proximitor sensor to measure shaft vibration and position in compatible machinery-monitoring arrangements.

PRODUCT EVIDENCE

Bently Nevada 3300 XL 8 mm proximity transducer systems official manufacturer datasheet; source pages 1, 4, 5, 6, 7, 8, 13, 14, 15, 35, 36