3300 XL 8MM PROXIMITY TRANSDUCER

Product Data Sheet

330180-X1-05

Proximitor Sensor

STANDARD SERIES SUPPLY, NON-INCENDIVE	STANDARD SERIES SUPPLY, WITH BARRIERS	STANDARD SERIES SUPPLY CURRENT	STANDARD SYSTEM SCALE FACTOR
-26 to -17.5 V DC	**-26 to -23 V DC**	**12 mA maximum**	**7.87 V/mm nominal**

The Bently Nevada 330180-X1-05 is listed under its base marking as a Proximitor sensor in the 3300 XL 8 mm family. It conditions the signal from a compatible probe and extension cable into a voltage that varies with probe gap.

01 TECHNICAL DATA

Standard series supply, non-incendive	-26 to -17.5 V DC
Standard series supply, with barriers	-26 to -23 V DC
Standard series supply current	12 mA maximum
Standard system scale factor	7.87 V/mm nominal
Standard system frequency response	0 to 10 kHz, +0/-3 dB
Standard system field wiring limit	305 m
Standard 8 mm system linear range	2 mm nominal
Measurement principle	Eddy current

Bently Nevada 141194, 3300 XL 8 mm series reference

02 ADDITIONAL PRODUCT DATA

The 3300 XL system supports noncontact shaft position and vibration measurements. The published data below apply to the standard family under the stated test conditions. The installed probe, cable length and sensor configuration determine the performance of the complete measurement channel.

03 PRODUCT FUNCTION

The 3300 XL system supports noncontact shaft position and vibration measurements. The published data below apply to the standard family under the stated test conditions. The installed probe, cable length and sensor configuration determine the performance of the complete measurement channel.

04 SYSTEM COMPATIBILITY

Match the installed probe, extension cable and sensor to the approved system length and configuration.

05 REFERENCE

Bently Nevada 141194, 3300 XL 8 mm series reference

AMIKON PRODUCT SUPPORT

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