

3300 XL 8 MM PROXIMITY TRANSDUCER SYSTEM

Product Data Sheet

330180-91-05

9 m DIN-mount Proximitorsensor with approvals

FUNCTION	FAMILY	ORIGIN	WEIGHT
9 m DIN-mount Proximitorsensor	3300 XL 8 mm Proximity	United States	0.25 kg

Bently Nevada 330180-91-05 is a DIN-mount Proximitorsensor for the 3300 XL 8 mm Proximity Transducer System. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Component Type	3300 XL Proximitorsensor
Calibrated System Length	9.0 m (29.5 ft)
Mounting Option	35 mm DIN rail
Agency Approval	CSA, ATEX and IECEx
Power Requirement	-17.5 to -26 V DC
Barrier Supply Range	-23 to -26 V DC
Maximum Current	12 mA
Output Resistance	50 ohm
Recommended Gap Output	-9 V DC
Sensor Operating Temperature	-52 to +100 deg C

ADDITIONAL PRODUCT DATA

Sensor Storage Temperature	-52 to +105 deg C
Housing Material	A308 aluminum
DIN Removal Clearance	3.05 mm (0.120 in)
Typical Sensor Mass	246 g
Hazardous Installation	Per drawings 141092 or 140979

OFFICIAL APPLICATIONS

- Turbine monitoring: Shaft vibration and axial position measurement
- Compressor protection: Radial vibration and speed reference measurement
- Rotating equipment: Keyphasor phase reference and shaft position measurement

SYSTEM COMPATIBILITY

Match 330180-91-05 to the installed 3300 XL 8 mm Proximity Transducer System, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM](#)

<https://dam.bakerhughes.com/m/23d2a1de24360b13/original/3300-XL-8mm-Proximity-Transducer-System-Datasheet-141194-pdf.pdf>

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