

BENTLY NEVADA 3300 XL 8 MM TRANSDUCER SYSTEMS

Product Data Sheet

330102-00-50-10-02-05

armored 3300 XL 8 mm proximity probe

FUNCTION	FAMILY	ORIGIN	WEIGHT
armored 3300 XL 8 mm	Bently Nevada 3300 XL 8	United States	0.32 kg

3300 XL 8mm Proximity Transducer 330102-00-50-10-02-05 is a armored 3300 XL 8 mm proximity probe for the Bently Nevada 3300 XL 8 mm transducer systems. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Exact Article Code	330102-00-50-10-02-05
Product Class	Armored 3300 XL 8 Mm Proximity Probe
Product Family	Bently Nevada 3300 XL 8 mm transducer systems
Probe Tip	8 mm
Thread Type	3/8-24 UNF
Case Length Code	50 × 0.1 in
Total Length	1.0 m
Armor	Armored
Connector	Miniature coaxial
Approval Option	05

Scale Factor	7.87 V/mm
Linear Range	2.0 mm
Frequency Response	0 to 10 kHz

- Monitor pipeline-pump diagnostics with Armored 3300: At the control layer of the pump shafts, bearings and driver trains, 330102-00-50-10-02-05 handles its designated signal or control duty as a armored 3300 XL 8 mm proximity probe. During pump switchover, the system uses this function to compare pump-train response before and after transfer, helping it confirm the standby train has accepted the duty.
- Supervise gearbox condition monitoring with Armored 3300: For the coordinated operation of the gear meshes, bearings and speed references, 330102-00-50-10-02-05 operates in its approved product-family role as a armored 3300 XL 8 mm proximity probe. During coast-down, the system uses this function to retain the signal trend as rotational speed decreases, helping it provide evidence for the next diagnostic review.
- Regulate process-fan protection with Armored 3300: During operation of the fan bearings, shaft probes and motor frames, 330102-00-50-10-02-05 operates in its approved product-family role as a armored 3300 XL 8 mm proximity probe. During gas-flow adjustment, the system uses this function to observe rotor and casing behavior as fan duty changes, helping it protect a rotating asset that supports continuous production.

Match 330102-00-50-10-02-05 to the installed Bently Nevada 3300 XL 8 mm transducer systems, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

[Bently Nevada official product documentation and manufacturer catalog](#)

AMIKON PRODUCT SUPPORT

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