

3300 XL 8 MM PROXIMITY TRANSDUCER

Product Data Sheet

109548-01

proximity probe assembly

FUNCTION proximity probe assembly	FAMILY 3300 XL 8 mm Proximity	ORIGIN United States	WEIGHT 0.2 kg
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3300 XL 8mm Proximity Transducer 109548-01 is a proximity probe assembly for the 3300 XL 8 mm Proximity Transducer. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Exact Part Number	109548-01
Product Family	3300 XL 8 mm Proximity Transducer
Component Type	Proximity Probe Assembly
Measurement Principle	Eddy-current proximity sensing
Nominal Probe Tip	8 mm sensor family
Power Supply	-17.5 to -26 V DC
Scale Factor	7.87 V/mm nominal
Linear Range	0.25 to 2.30 mm
Frequency Response	0 to 10 kHz
Target Material	AISI 4140 steel

ADDITIONAL PRODUCT DATA

Cable Impedance	75 ohm triaxial
Output Resistance	50 ohm nominal
System Components	Probe, cable and Proximito

OFFICIAL APPLICATIONS

- Apply the documented proximity probe assembly: Use 109548-01 in the documented 3300 XL 8 mm Proximity Transducer measurement or protection channel. Match the exact order code, installed position, signal range and monitored machine function before work.
- Restore the recorded proximity probe assembly connections: Photograph terminals, coaxial connectors, shields, earth points, rack slot and adjacent hardware before removing 109548-01. Restore each connection to the controlled drawing.
- Validate the complete proximity probe assembly signal path: After installing 109548-01, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 109548-01 to the installed 3300 XL 8 mm Proximity Transducer, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 109548-01 manufacturer documentation](#)

Local manufacturer PDF supplied by user

AMIKON PRODUCT SUPPORT

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