

3300 XL NSV PROXIMITY TRANSDUCER

Product Data Sheet

129715-138-040-05-CN

3300 XL PROBE ASSEMBLY

FUNCTION	FAMILY	ORIGIN	WEIGHT
3300 XL PROBE ASSEMBLY	3300 XL NSV Proximity Transducer	USA	0.05 kg

3300 XL NSV Proximity Transducer 129715-138-040-05-CN is a 3300 XL PROBE ASSEMBLY for the 3300 XL NSV Proximity Transducer. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

Linear Range	2.0 mm (80 mils)
Usable Range Window	0.25 mm to 2.3 mm (10 to 90 mils)
Scale Factor (ISF)	7.87 V/mm (200 mV/mil) $\pm$ 5%
Deviation from Linearity (DSL)	Less than $\pm$ 0.025 mm ($\pm$ 1 mil)
Nominal Probe DC Resistance	7.45 Ω $\pm$ 0.50 (for 0.5 m probe)
Extension Cable Capacitance	69.9 pF/m typical
Recommended Gap Setting	-9 Vdc at 1.27 mm (50 mils)
Exact Part Number	129715-138-040-05-CN
Product Family	3300 XL NSV Proximity Transducer
Component Type	3300 XI Probe Assembly

ADDITIONAL PRODUCT DATA

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
Frequency Response	0 to 10 kHz

OFFICIAL APPLICATIONS

- Apply the documented 3300 XL PROBE ASSEMBLY: Use 129715-138-040-05-CN in the documented 3300 XL NSV Proximity Transducer measurement or protection channel. Match the exact order code, installed position, signal range and monitored machine function before work.
- Restore the recorded 3300 XL PROBE ASSEMBLY connections: Photograph terminals, coaxial connectors, shields, earth points, rack slot and adjacent hardware before removing 129715-138-040-05-CN. Restore each connection to the controlled drawing.
- Validate the complete 3300 XL PROBE ASSEMBLY signal path: After installing 129715-138-040-05-CN, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 129715-138-040-05-CN to the installed 3300 XL NSV Proximity Transducer, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 129715-138-040-05-CN manufacturer documentation](#)

Local manufacturer PDF supplied by user

AMIKON PRODUCT SUPPORT

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