

Installation Instructions

129715-138-040-05-CN

3300 XL PROBE ASSEMBLY

3300 XL NSV Proximity Transducer

Before work begins

- 01 Confirm the exact 129715-138-040-05-CN article number and installed equipment position.
- 02 Place the equipment in a safe state, isolate all energy sources and follow the applicable Bently Nevada discharge or lockout procedure.
- 03 Record terminals, connectors, signal cables, cooling provisions and protective-earth conductors.
- 04 Use ESD controls and qualified industrial-service personnel throughout the replacement.

Model-specific connection checks

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 ± 0.025 mm (± 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

Installation sequence

- Inspect the replacement for transport damage, contamination, bent pins and altered keying.
- Install without forcing connectors or terminals; restore all shields, grounds and cooling provisions.
- Secure power and signal connections under the applicable manufacturer procedure.

Commissioning and return to service

01 0 to 10 kHz.

02 Check insulation and protective-earth continuity before energising..

03 Restore auxiliary and main power in the approved sequence..

04 Observe controller, interface and equipment diagnostics..

05 Test the connected signal, network, motor or power function at a controlled operating point..

06 Record the final article number, test results and maintenance approval..

This AMIKON installation reference supplements the applicable Bently Nevada controlled documentation and the site safety procedure.
Warranty: 12 months from AMIKON.