

Installation Instructions

109549-01

3300 XI Nsv Photoelectric Probe

3300 System

Before work begins

- 01 Confirm the exact 109549-01 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

Sensitivity	200 mV/mil (7.87 mV/ μ m) $\pm$ 10% (standard)
Frequency Response	0.5 Hz to 12 kHz ($\pm$ 3 dB)
Operating Temperature	Standard: -35°C to +125°C (Probe Tip)
Extended Temp. Options	Up to 150°C or 175°C available
Humidity	100% RH non-condensing
Exact Part Number	109549-01
Product Family	3300 System
Component Type	3300 XI Nsv Photoelectric Probe
Measurement Principle	Eddy-current proximity sensing
Nominal Probe Tip	8 mm sensor family

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 75 ohm triaxial.

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.