

Installation Instructions

102044-00-18-10-02

proximity sensor probe

3300 System

Before work begins

- 01 Confirm the exact 102044-00-18-10-02 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 V/mm) $\pm$ 5%
Linear Range	2 mm (80 mils)
Frequency Response	0 to 10 kHz (-3 dB)
Recommended Gap	1.27 mm (50 mils)
Exact Part Number	102044-00-18-10-02
Product Family	3300 System
Component Type	Proximity Sensor Probe
Measurement Principle	Eddy-current proximity sensing
Nominal Probe Tip	8 mm sensor family
Power Supply	-17.5 to -26 V DC

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 Probe, cable and Proximitior.
- 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.