

# Installation Instructions

**102045-040-00-05**

proximity extension cable

3300 XL Proximity Transducer

## Before work begins

- 01 Confirm the exact 102045-040-00-05 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

|                                      |                                |
|--------------------------------------|--------------------------------|
| Cable Length Option                  | 4.0 meters (11.5 feet)         |
| Connector Protector and Cable Option | Standard cable                 |
| Agency Approval Option               | CSA, ATEX, IECEx Approvals     |
| Output Resistance                    | 50 W                           |
| ExtensionCable Capacitance           | 69.9 pF/m (21.3 pF/ft)typical  |
| Exact Part Number                    | 102045-040-00-05               |
| Product Family                       | 3300 XL Proximity Transducer   |
| Component Type                       | Proximity Extension Cable      |
| 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 AISI 4140 steel.

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.