# Installation Instructions

## 21747-085-00

proximity extension cable

Bently Nevada 7200 proximity systems

## Before work begins

01 Confirm the exact 21747-085-00 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

| | |
|---|---|
| Part Number | **21747-085-00** |
| System Family | **7200 5 mm / 8 mm** |
| Extension Length | **8.5 m** |
| Armor Option | **Without armor** |
| Electrical Path | **Probe lead to Proximitor** |
| Electrical Length | **Physical length within ±10%** |
| Operating Temperature | **-34 to +177 °C** |
| Humidity Limit | **95% noncondensing** |
| Cable Construction | **Triaxial extension cable** |
| Connector Type | **7200 threaded coaxial** |

## 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 Cable length calibrated as system.

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.