

Installation Instructions

76683-50

machinery monitoring component

7200 Proximity Transducer Systems

Before work begins

- 01 Confirm the exact 76683-50 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

Exact Part Number	76683-50
Product Family	7200 Proximity Transducer Systems
Component Type	Machinery Monitoring Component
Channel Capacity	2 channels
Rack Space	One full-height slot
Backplane Supply	3500/3300 rack power
Input Type	Condition-monitoring transducer
Alarm Outputs	Alert and Danger levels
Status LEDs	OK, TX/RX and Bypass
Buffered Output	Front-panel transducer signal

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 Programmable alarm voting.
- 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.