

Installation Instructions

4454-156

Thermocouple Heat Sensor Cable

3300 XL Proximity Transducer

Before work begins

- 01 Confirm the exact 4454-156 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

Length	15 ft (4.57 m)
Probe end extension cable	-56 °C to + 177 °C (-50 °F to + 350 °F)
Shield coverage	≥ 90 % optical coverage
Certifications	CE, RoHS, REACH
Exact Part Number	4454-156
Product Family	3300 XL Proximity Transducer
Component Type	Thermocouple Heat Sensor Cable
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 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.