

3300 XL PROXIMITY TRANSDUCER

Product Data Sheet

4454-156

Thermocouple Heat Sensor Cable

FUNCTION	FAMILY	ORIGIN	WEIGHT
Thermocouple Heat Sensor Cable	3300 XL Proximity Transducer	USA	0.32 kg

3300 XL Proximity Transducer 4454-156 is a Thermocouple Heat Sensor Cable for the 3300 XL Proximity Transducer. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

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

ADDITIONAL PRODUCT DATA

Scale Factor	7.87 V/mm nominal
Linear Range	0.25 to 2.30 mm
Frequency Response	0 to 10 kHz
Target Material	AISI 4140 steel
Cable Impedance	75 ohm triaxial

OFFICIAL APPLICATIONS

- Apply the documented Thermocouple Heat Sensor Cable: Use 4454-156 in the documented 3300 XL Proximity Transducer measurement or protection channel. Match the exact order code, installed position, signal range and monitored machine function before work.
- Restore the recorded Thermocouple Heat Sensor Cable connections: Photograph terminals, coaxial connectors, shields, earth points, rack slot and adjacent hardware before removing 4454-156. Restore each connection to the controlled drawing.
- Validate the complete Thermocouple Heat Sensor Cable signal path: After installing 4454-156, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 4454-156 to the installed 3300 XL Proximity Transducer, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 4454-156 manufacturer documentation](#)

Local manufacturer PDF supplied by user

AMIKON PRODUCT SUPPORT

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