

3300 XL PROXIMITY TRANSDUCER

Product Data Sheet

102045-040-00-05

proximity extension cable

FUNCTION proximity extension cable	FAMILY 3300 XL Proximity Transducer	ORIGIN USA	WEIGHT 0.46 kg
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3300 XL Proximity Transducer 102045-040-00-05 is a proximity extension cable for the 3300 XL Proximity Transducer. The values below are limited to the exact documented article.

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VERIFIED TECHNICAL DATA

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

ADDITIONAL PRODUCT DATA

Power Supply	-17.5 to -26 V DC
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

OFFICIAL APPLICATIONS

- Apply the documented proximity extension cable: Use 102045-040-00-05 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 proximity extension cable connections: Photograph terminals, coaxial connectors, shields, earth points, rack slot and adjacent hardware before removing 102045-040-00-05. Restore each connection to the controlled drawing.
- Validate the complete proximity extension cable signal path: After installing 102045-040-00-05, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 102045-040-00-05 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 102045-040-00-05 manufacturer documentation](#)

Local manufacturer PDF supplied by user

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