

3300 SYSTEM

Product Data Sheet

109548-01 P1407030-00100

proximity extension cable

FUNCTION proximity extension cable	FAMILY 3300 System	ORIGIN USA	WEIGHT 0.2 kg
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3300 System 109548-01 P1407030-00100 is a proximity extension cable for the 3300 System. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Capacitance	30 pF/m (max)
Resistance	5.5 Ω/m
Requires	24V DC
Length	10 Feet (3.05 meters)
Operating Temperature	-35°C to +150°C
Exact Part Number	109548-01 P1407030-00100
Product Family	3300 System
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 109548-01 P1407030-00100 in the documented 3300 System 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 109548-01 P1407030-00100. Restore each connection to the controlled drawing.
- Validate the complete proximity extension cable signal path: After installing 109548-01 P1407030-00100, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 109548-01 P1407030-00100 to the installed 3300 System, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 109548-01 P1407030-00100 manufacturer documentation](#)

Local manufacturer PDF supplied by user

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