

3300 XL 8 MM PROXIMITY TRANSDUCER

Product Data Sheet

129957-085-310-05

proximity extension cable

FUNCTION proximity extension cable	FAMILY 3300 XL 8 mm Proximity	ORIGIN USA	WEIGHT 0.8 kg
--	---	----------------------	-------------------------

3300 XL 8mm Proximity Transducer 129957-085-310-05 is a proximity extension cable for the 3300 XL 8 mm Proximity Transducer. The values below are limited to the exact documented article.

01

VERIFIED TECHNICAL DATA

Characteristic Impedance	50 Ω $\pm$ 2 Ω
Capacitance	98 pF/m (30 pF/ft)
Attenuation	< 0.28 dB/m @ 10 MHz
Withstand Voltage	2 kV AC shield-to-conductor
Exact Part Number	129957-085-310-05
Product Family	3300 XL 8 mm Proximity Transducer
Component Type	Proximity Extension 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 proximity extension cable: Use 129957-085-310-05 in the documented 3300 XL 8 mm 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 129957-085-310-05. Restore each connection to the controlled drawing.
- Validate the complete proximity extension cable signal path: After installing 129957-085-310-05, check transducer supply, gap or zero, signal response, alarms and rack diagnostics. Record the measured values before releasing the machine channel.

SYSTEM COMPATIBILITY

Match 129957-085-310-05 to the installed 3300 XL 8 mm Proximity Transducer, complete wiring, mating hardware, revision and approved configuration. A similar article number does not establish direct interchangeability.

OFFICIAL SOURCES

[Bently Nevada 129957-085-310-05 manufacturer documentation](#)

Local manufacturer PDF supplied by user

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM