

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330850-90-00

25 mm Proximito Sensor



MOUNTING	SYSTEM LENGTH	SCALE FACTOR	APPROVAL
Panel mount	9.0 m	0.787 V/mm	00

330850-90-00 is a panel-mount 25 mm Proximito Sensor for a 9.0 m measurement chain. It requires a matching 3300 XL 25 mm probe and extension cable; it is not an NSv sensor.

01

VERIFIED PRODUCT IDENTITY

Product model	330850-90-00
Measurement input	One 3300 XL 25 mm probe and extension cable
System length / mounting	9.0 m system; panel mounting (option 90)
Power, without barriers	-17.5 to -26 VDC; linear range may reduce above -23.5 V
Maximum supply current	12 mA
Nominal scale factor	0.787 V/mm (20 mV/mil)
Agency approval option 00	No approvals; do not infer hazardous-area suitability
System linear range	12.7 mm (500 mils), under specified conditions

Official source: Datasheet 163236 Rev. M, pages 1-4, 7, 12-13. Match the complete order before use.

02 TECHNICAL DATA

Sensor operating temperature	-51 to +100 degrees C
Field wiring	0.2-1.5 mm2; shielded three-conductor triad recommended
Maximum field wiring length	305 m to monitor; frequency response depends on length

03 OFFICIAL APPLICATIONS

- Same-side collar differential-expansion measurement
- Complementary collar differential-expansion measurement
- Ramp-based differential-expansion measurement
- Complete legacy differential-expansion system upgrades
- Periodic differential-expansion channel verification

04 OFFICIAL DOCUMENTATION

Datasheet 163236 Rev. M

System specifications use the manufacturer-stated target, power, load and temperature conditions. Replacing a legacy system requires matching 3300 XL 25 mm probe, cable and sensor; this document does not establish an exact-order discontinuation date.

AMIKON PRODUCT SUPPORT

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