

AMIKON TECHNICAL DOCUMENTATION

Product Data Sheet

Bently Nevada 330103-00-03-90-12-05

Metric 8 mm Proximity Probe

THREAD	LENGTH	CONNECTOR	APPROVAL
M10 x 1	9.0 m	ClickLoc	05

330103-00-03-90-12-05 is an unarmored metric probe with a 30 mm case and 9.0 m integral FluidLoc cable.
Use the matching 3300 XL Proximator Sensor and complete electrical configuration.

01

VERIFIED PRODUCT IDENTITY

Product model	330103-00-03-90-12-05
Case length options	0 mm unthreaded; 30 mm overall case length
Product component	3300 XL 8 mm probe, without armor
Case thread	M10 x 1; threaded case, not smooth case
Total length option 90	9.0 meters (29.5 feet)
Connector option 12	ClickLoc, FluidLoc cable, no factory protector
Agency approval option 05	CSA, ATEX, IECEx; check unit and installation conditions
Probe tip diameter	8.0 mm (0.31 in), standard-mount probe drawing

Official source: Datasheet 141194 Rev. AM. Confirm full order, target and installation conditions.

02 TECHNICAL DATA

Reference system scale factor	7.87 V/mm (200 mV/mil); 9 m system, stated conditions
Maximum M10 thread engagement	15 mm; matching internal thread fit class required
Probe DC resistance, nominal	9.87 ohms +/-0.50; 9.0 m probe, center to outer conductor

03 OFFICIAL APPLICATIONS

- Dynamic shaft vibration on fluid-film bearing machinery
- Static shaft position on fluid-film bearing machinery
- Keyphasor rotational reference in a matched channel
- Speed measurement with applicable manufacturer guidance
- Liquid-exposed cable routes requiring FluidLoc protection

04 OFFICIAL DOCUMENTATION

Datasheet 141194 Rev. AM

System ratings require the specified target, supply, load and temperature conditions. Approval option 05 does not authorize every hazardous-area installation. Use controlled installation drawings; this summary is not a complete installation procedure.

AMIKON PRODUCT SUPPORT

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