

AMIKON TECHNICAL INTELLIGENCE

Product Data Sheet

Bently Nevada 3300 XL 25 mm
330851-04-00-27-10-01-00

TYPE	CASE	LENGTH	ARMOR
25 mm proximity probe	Smooth side exit	1.0 metre	SST armor

Bently Nevada 330851-04-00-27-10-01-00 is a 3300 XL 25 mm proximity probe with a smooth 1.06-inch-diameter side-exit case, 2.7-inch case length, 1.0-metre total length, stainless-steel armor, and no agency approvals.

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ORDER CODE PARAMETERS

Product Model	330851-04-00-27-10-01-00
Probe Family	3300 XL 25 mm
Case Type	Smooth 1.06 in diameter, side exit
Unthreaded Length	0.0 in
Overall Case Length	2.7 in (68.6 mm)
Total Length	1.0 m (3.3 ft)
Cable Type	75 ohm FluidLoc cable
Armor	Stainless-steel armor
Connector	Removable-nut connector
Agency Approval	No approvals
System Output	0.787 V/mm (20 mV/mil)
Linear Range	12.7 mm (500 mil)

Source: Baker Hughes Bently Nevada 3300 XL 25 mm Proximity Transducer System Datasheet 163236 Rev. M.

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TECHNICAL SUMMARY

Measurement	Non-contacting displacement
Primary Use	Steam-turbine differential expansion
Probe Tip Diameter	25 mm nominal system family
Target Material	AISI 4140 steel reference target
Cable Construction	75 ohm FluidLoc
Connector Style	Removable-nut miniature coaxial
Environmental Use	Turbine supervisory instrumentation
Case Exit	Side exit
Probe Length Tolerance	Per controlled datasheet
Matching Sensor	3300 XL 25 mm Proximitar Sensor
System Components	Probe, extension cable and Proximitar
Controlled Reference	Datasheet 163236 Rev. M

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DOCUMENT CONTROL

Verify the complete order code, system length, matching extension cable and Proximitar Sensor, target material, mounting geometry, connector protection, grounding, and calibration before commissioning.