

APTER POWER

330851-02-000-060-50-00-00

25 mm Probe

It is an M30 x 2 unarmored 3300 XL 25 mm probe with a 60 mm case, 5.0 m lead and no approvals.

COMPLETE PRODUCT SNAPSHOT

MANUFACTURER	Bently Nevada
FAMILY	3300 XL 25 mm proximity transducer system
MODEL	330851-02-000-060-50-00-00
DOCUMENT	163236 Rev. M

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330902-00-25-05-01-05	OPEN
02	Bently Nevada 24701-28-05-30-057-04-02	OPEN
03	Bently Nevada 24701-34-05-30-036-04-02	OPEN
04	Bently Nevada 24701-34-05-30-028-04-02-409742	OPEN
05	Bently Nevada 24701-28-05-00-025-04-02	OPEN
06	Bently Nevada 991-06-XX-01-05 MOD:164113-01	OPEN

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



330851-02-000-060-50-00-00

Exact-model technical record

Complete model	330851-02-000-060-50-00-00
Manufacturer	Bently Nevada
Product family	3300 XL 25 mm proximity transducer system
Probe thread	M30 x 2
Unthreaded length	0 mm
Overall case length	60 mm
Total probe length	5.0 m
Armor option	No armor

Approval option	No approvals
Linear range	12.7 mm (500 mils)
Scale factor	0.787 V/mm (20 mV/mil)
Frequency response	0 to 2.7 kHz
Recommended nominal gap	7.0 mm (275 mils)
Minimum target diameter	61 mm
Cable type	FluidLoc

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313
EMAIL sales13@apterpower.com
WEBSITE www.apterpower.com



System role and applications

Large-range displacement

Measures non-contacting movement across the published 12.7 mm linear range.

Thrust position

Tracks axial position with the documented target and gap geometry.

Differential expansion

Supports large-range expansion measurement in an engineered installation.

Exact 25 mm probe renewal

Preserves thread, case, lead, armor and approval identity.

ENGINEERING BOUNDARY

Verify 330851-02-000-060-50-00-00, the M30 x 2 mounting, 60 mm case, 5.0 m matched system, target diameter and approval record before replacement.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



Model-specific engineering questions

Q1. Which mounting profile must match Bently Nevada 330851-02-000-060-50-00-00?

The probe uses an M30 x 2 thread, no unthreaded section, and a 60 mm overall case; all three details control its installed position.

Q2. How should the 5.0 m FluidLoc lead be protected on Bently Nevada 330851-02-000-060-50-00-00?

Route the unarmored lead away from abrasion and strain, preserve its bend radius, and keep the coaxial interface sealed and clean.

Q3. What does the final 00 option mean for Bently Nevada 330851-02-000-060-50-00-00?

It specifies no approval option, so this exact probe must not be placed where the project requires the separately approved 05 variant.

Q4. What target surface is needed for the 330851-02-000-060-50-00-00 probe?

Use the documented conductive target with at least 61 mm diameter and maintain the engineered alignment throughout the measurement travel.

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



Acceptance reference and related products

Q5. How much linear displacement can this 25 mm system cover?

The matched probe and Proximity Sensor provide a 12.7 mm (500 mil) linear range.

Q6. Where should Bently Nevada 330851-02-000-060-50-00-00 be initially gapped?

Begin near the 7.0 mm (275 mil) nominal gap, then refine the setting using stable voltage and the required travel window.

RELATED PRODUCTS ON APTER POWER

01	Bently Nevada 330902-00-25-05-01-05	OPEN
02	Bently Nevada 24701-28-05-30-057-04-02	OPEN
03	Bently Nevada 24701-34-05-30-036-04-02	OPEN
04	Bently Nevada 24701-34-05-30-028-04-02-409742	OPEN
05	Bently Nevada 24701-28-05-00-025-04-02	OPEN
06	Bently Nevada 991-06-XX-01-05 MOD:164113-01	OPEN
07	Bently Nevada 21000-28-05-00-40-03-02	OPEN

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com

11	Bently Nevada 330104-01-14-10-01-00	OPEN
----	-------------------------------------	------



330851-02-000-060-50-00-00