

INDUSTRIAL AUTOMATION PRODUCT

330851-06-000-070-10-00-05

25 mm Probe

Bently Nevada 330851-06-000-070-10-00-05 is an unarmored M39 x 1.5 3300 XL 25 mm probe with a 70 mm case, 1.0 m lead and multiple agency approvals.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3300 XL 25 mm Proximity Transducer System
Part number	330851-06-000-070-10-00-05

APTER POWER SALES TEAM

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2

Technical Specifications

Technical values below are limited to the named Bently Nevada product record.

PARAMETER	TECHNICAL VALUE
probe family	3300 XL 25 mm
mounting thread	M39 x 1.5
unthreaded length	0 mm
overall case length	70 mm
total probe-lead length	1.0 m
armor option	00, without armor
agency-approval option	05, multiple approvals
linear measurement range	12.7 mm (500 mils)
incremental scale factor	0.787 V/mm (20 mV/mil)
frequency response	0 to 2.7 kHz
minimum target diameter	61 mm

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	matched 3300 XL 25 mm extension cable
Companion hardware	compatible 3300 XL 25 mm Proximitor Sensor
Field connection	approved large target surface
Primary system function	Provides the 25 mm long-range transducer function
Controlled acceptance duty	Large-range axial position



3

System Role and Architecture

Bently Nevada 330851-06-000-070-10-00-05 is an unarmored M39 x 1.5 3300 XL 25 mm probe with a 70 mm case, 1.0 m lead and multiple agency approvals.

FUNCTION 1
Provides the 25 mm long-range transducer function

FUNCTION 2
Uses an M39 x 1.5 threaded case

FUNCTION 3
Retains a 1.0 m unarmored lead

FUNCTION 4
Carries the documented approval option

Matched system components

- matched 3300 XL 25 mm extension cable
- compatible 3300 XL 25 mm Proximitior Sensor
- approved large target surface
- configured position channel

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	matched 3300 XL 25 mm extension cable
Companion hardware	compatible 3300 XL 25 mm Proximitior Sensor
Field connection	approved large target surface
Primary system function	Provides the 25 mm long-range transducer function
Controlled acceptance duty	Large-range axial position



4

Applications and Engineering Context

Large-range axial position

Provides the 25 mm long-range transducer function

Differential expansion

Uses an M39 x 1.5 threaded case

Long-range displacement measurement

Retains a 1.0 m unarmored lead

Exact 25 mm probe replacement

Carries the documented approval option

TECHNICAL NOTE

Verify the 61 mm minimum target, M39 x 1.5 mounting, 70 mm case, system length, gap and matched 25 mm Proximitor Sensor before release.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	330851-06-000-070-10-00-05 / 330851-06-000-070-10-00-05 recorded
Physical interface	matched 3300 XL 25 mm extension cable
Companion check	compatible 3300 XL 25 mm Proximitor Sensor
Functional proof	Provides the 25 mm long-range transducer function
Application test	Large-range axial position



5

Engineering Precautions

- 1 Verify the complete 330851-06-000-070-10-00-05 marking and its assigned 3300 XL 25 mm Proximity Transducer System position before work.
- 2 Place the connected large-range axial position process in the approved maintenance state.
- 3 Isolate the documented power, signal and stored-energy sources before disconnecting the transducer or module.
- 4 Record every connector, cable route, shield, polarity, channel assignment and host configuration before removal.
- 5 Use ESD-safe handling and protect coaxial, terminal and keyed interfaces from contamination or mechanical damage.

RELATED BENTLY NEVADA PRODUCTS ON APTER POWER

BRAND + MODEL	RELATED PRODUCT	APTER POWER LINK
Honeywell MC PRHM01	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell TC IDA161	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell TC HAO081	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell 51306803 100	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell 51305072 700	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell 51304584 100	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell 51304159 100	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell 51195096 200	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell 8C PAON01	Bently Nevada monitoring product	Open Bently Nevada page
Honeywell 51304540 200	Bently Nevada monitoring product	Open Bently Nevada page

MANUFACTURER SOURCE RECORD

3300 XL 25 mm Proximity Transducer System Datasheet

163236 Rev. M

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