

APTER POWER | BENTLY NEVADA

330901-00-32-10-02-05

3300 XL NSv 1/4-28 UNF Proximity Probe

Bently Nevada 330901-00-32-10-02-05 is a 1/4-28 UNF unarmored probe configuration for the 3300 XL NSv proximity transducer system.

DOCUMENT PURPOSE

Installation And Commissioning Workbook prepared from Baker Hughes, 3300 XL NSv Proximity Transducer System Datasheet, publication 147385 Rev. R.

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1 | Exact ordering identity

Preserve the complete ordering code. Each suffix defines a controlled mechanical, cable, connector or approval option.

POSITION	VALUE	DOCUMENTED MEANING
Base	330901	1/4-28 UNF probe without armor
AA	00	0.0 in unthreaded length
BB	32	3.2 in overall case length
CC	10	1.0 m total length
DD	02	ClickLoc connector; standard cable
EE	05	Multiple approvals

System pairing

Use only with the matching extension cable, Proximitar Sensor and monitor configuration identified in the official system documentation.

2 | Electrical and performance data

PARAMETER	DOCUMENTED VALUE
Average scale factor	7.87 V/mm (200 mV/mil)
Linear range	1.5 mm (60 mils)
Recommended gap	1.0 mm (40 mils)
Frequency response	0 to 10 kHz, +0/-3 dB typical
Power without barriers	-17.5 Vdc to -26 Vdc, 12 mA maximum
Field wiring	Three-conductor shielded triad; up to 305 m

Commissioning boundary
Verify power, polarity, static gap, smooth output response, monitor scaling and final diagnostics under controlled machinery conditions.

3 | Installation and acceptance

CONTROL	ACCEPTANCE CHECK
Identity	Complete model and suffix string recorded.
Mechanical	Thread, mounting depth and probe clearance verified.
Cable	Cable route, bend radius and connector condition acceptable.
System	Extension cable and Proximitar Sensor match the configured system length.
Electrical	Supply and field wiring comply with the documented limits.
Functional	Gap, scale, direction, monitor response and diagnostics recorded.

Important Notice

Confirm the physical nameplate, installed host, matched transducer components, target geometry, wiring, grounding, applicable approval drawing and commissioning record before replacement.

4 | Related product navigation

These verified Apter Power links are navigation aids and are separate from the manufacturer evidence record.

RELATED PRODUCT	LINK
Bently Nevada 330171-00-08-10-02-CN	View Bently Nevada 330171-00-08-10-02-CN page
Bently Nevada 330103-04-10-10-02-05	View Bently Nevada 330103-04-10-10-02-05 page
Bently Nevada 330103-03-08-10-01-00	View Bently Nevada 330103-03-08-10-01-00 page
Bently Nevada 330103-00-06-90-02-00	View Bently Nevada 330103-00-06-90-02-00 page
Bently Nevada 330103-00-05-05-01-CN	View Bently Nevada 330103-00-05-05-01-CN page
Bently Nevada 330101-00-75-10-02-00	View Bently Nevada 330101-00-75-10-02-00 page
Bently Nevada 330101-00-32-10-02-05	View Bently Nevada 330101-00-32-10-02-05 page
Bently Nevada 330173-00-06-10-02-00	View Bently Nevada 330173-00-06-10-02-00 page

MANUFACTURER SOURCE RECORD

Baker Hughes, 3300 XL NSv Proximity Transducer System Datasheet, publication 147385 Rev. R

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