

INDUSTRIAL AUTOMATION PRODUCT

330880-00-00-000-03-02

PROXPAC XL spare proximity transducer housing with Proximitor Sensor

Conditioned 3300 XL proximity output carried directly from the embedded Proximitor Sensor to the monitor

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	PROXPAC XL Proximity Transducer Assembly
Part number	330880-00-00-000-03-02
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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



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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Assembly model	330880
Probe option	No probe
Proximito Sensor approval	Without approvals
Standoff adapter	None
Probe sleeve	None
Fittings kit	One 3/4-14 NPT fitting; one 3/4-to-1/2 NPT reducer; two plugs
Mounting thread	3/4-14 NPT
Housing rating	IP66; Type 4X
Housing material	UV-resistant glass-reinforced conductive PPS
Power without barriers	-17.5 to -26 V DC; 12 mA maximum
Power with barriers	-23 to -26 V DC
Output resistance	50 Ohm
Field-wire conductor range	0.2 to 1.5 mm ² (16 to 24 AWG)
Maximum field-wire length	305 m (1000 ft)
Linear range	2 mm (80 mils)
Recommended gap	1.27 mm (50 mils)
Incremental scale factor	7.87 V/mm (200 mV/mil)
Frequency response	0 to 10 kHz; +0/-3 dB

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System Role and Architecture

Conditioned 3300 XL proximity output carried directly from the embedded Proximitor Sensor to the monitor

FUNCTION 1

Supplies the PROXPAC housing without a probe or sleeve

FUNCTION 2

Integrates the Proximitor Sensor inside an IP66 enclosure

FUNCTION 3

Includes the selected NPT fitting and reducer kit

FUNCTION 4

Provides direct three-conductor field wiring to the monitor

Matched system components

- Compatible 3300 XL 8 mm probe and sleeve
- Machine-case mounting boss
- Three-conductor shielded field cable
- Bently Nevada monitor channel

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	Compatible 3300 XL 8 mm probe and sleeve
Companion hardware	Machine-case mounting boss
Field connection	Three-conductor shielded field cable
Primary system function	Supplies the PROXPAC housing without a probe or sleeve
Controlled acceptance duty	Harsh-area radial vibration

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Applications and Engineering Context

Harsh-area radial vibration

Supplies the PROXPAC housing without a probe or sleeve

Externally adjustable axial position

Integrates the Proximitor Sensor inside an IP66 enclosure

Remote monitor-cabinet wiring

Includes the selected NPT fitting and reducer kit

PROXPAC housing renewal

Provides direct three-conductor field wiring to the monitor

TECHNICAL NOTE

Confirm the no-probe/no-sleeve build, 3/4-14 NPT mounting, fitting kit and installed probe-system calibration before closing the housing and proving IP66 integrity.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	330880-00-00-000-03-02 / 330880-00-00-000-03-02 recorded
Physical interface	Compatible 3300 XL 8 mm probe and sleeve
Companion check	Machine-case mounting boss
Functional proof	Supplies the PROXPAC housing without a probe or sleeve
Application test	Harsh-area radial vibration

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Engineering Precautions

1

Verify the complete 330880-00-00-000-03-02 code and installed housing arrangement before work.

2

Place the machine and protection channel in the approved maintenance state.

3

Confirm the 3/4-14 NPT mounting interface and preserve the machine-case sealing surface.

4

Isolate the negative DC supply and label power, common and signal conductors before removal.

5

Protect the conductive PPS cover, internal Proximity Sensor and gasket surfaces from damage.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
330101-00-12-20-02-05	Related Bently Nevada product	View 330101-00-12-20-02-05 page
330171-00-08-10-02-05	Related Bently Nevada product	View 330171-00-08-10-02-05 page
21747-065-01	Related Bently Nevada product	View 21747-065-01 page
330881-28-00-061-03-02	Related Bently Nevada product	View 330881-28-00-061-03-02 page
330103-00-03-15-01-CN	Related Bently Nevada product	View 330103-00-03-15-01-CN page
21000-16-05-00-027-04-02	Related Bently Nevada product	View 21000-16-05-00-027-04-02 page
330851-02-000-070-10-00-05	Related Bently Nevada product	View 330851-02-000-070-10-00-05 page
129715-138-040-05-CN	Related Bently Nevada product	View 129715-138-040-05-CN page

MANUFACTURER SOURCE RECORD

Bently Nevada PROXPAC XL Proximity Transducer Assembly Datasheet

178554 Rev. E

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