

INDUSTRIAL AUTOMATION PRODUCT

330130-045-01-05

3300 XL 8 mm Armored Extension Cable

Bently Nevada 330130-045-01-05 is a 4.5 m armored 3300 XL extension cable with ClickLoc connection and multiple approvals. It completes the matched cable length between an 8 mm probe and its Proximity Sensor.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Part number	330130-045-01-05
Product role	Extends the probe signal through an armored cable route
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Install 330130-045-01-05 only in the documented Bently Nevada 3300 XL 8 mm Proximity Transducer System arrangement and record the exact connection and configuration before removal. Restore the approved settings, then verify diagnostics and functional response before release.

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Technical Specifications

Technical values below are limited to the named Bently Nevada product record and directly applicable manufacturer documentation.

PARAMETER	VALUE	PARAMETER	VALUE
Country of origin	USA	Connector	ClickLoc
HS code	8537101190	Approval option	Multiple approvals
Cable model	330130	Cable impedance	75 ohm
Cable length	4.5 m	Cable temperature	-52 to +177 deg C
Cable construction	Armored	System family	3300 XL 8 mm

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Primary system role	Extends the probe signal through an armored cable route
Connection boundary	Install 330130-045-01-05 only in the documented Bently Nevada 3300 XL 8 mm Proximity Transducer System arrangement and record the exact connection and configuration before removal. Restore the approved settings, then verify diagnostics and functional response before release.
Controlled acceptance duty	8 mm probe cable extension

ENGINEERING BOUNDARY

Confirm the complete 330130-045-01-05 marking, installed host, hardware execution, terminals or connectors, wiring, grounding, configuration, accessories and controlled commissioning results.

Pre-Installation Checks

1	Confirm 330130-045-01-05, 4.5 m length and armored execution.	2	Place the monitored machine and protection channel in maintenance state.
3	Isolate the Proximitor Sensor supply before opening cable connections.	4	Inspect armor, jacket, bend radius and the complete routed path.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	330130-045-01-05
Installed host	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Bently Nevada 330130-045-01-05 is a 4.5 m armored 3300 XL extension cable with ClickLoc connection and multiple approvals. It completes the matched cable length between an 8 mm probe and its Proximitor Sensor.

FUNCTION 1
Extends the probe signal through an armored cable route

FUNCTION 2
Provides the documented ClickLoc connector execution

FUNCTION 3
Maintains the calibrated transducer-system length

FUNCTION 4
Carries the selected multiple-approval option

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Bently Nevada 3300 XL 8 mm Proximity Transducer System
2	8537101190
3	8 mm probe cable extension
4	Install 330130-045-01-05 only in the documented Bently Nevada 3300 XL 8 mm Proximity Transducer System arrangement and record the exact connection and configuration before removal. Restore the approved settings, then verify diagnostics and functional response before release.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Interface role	Extends the probe signal through an armored cable route
Field / power context	Use 330130-045-01-05 only with its documented host, interfaces and accessories; record the as-found arrangement and complete a controlled functional verification after installation.
Commissioning evidence	Set gap and prove polarity, response and alarm action before release.

Installation and Connection Checks

1

Keep both ClickLoc interfaces clean, dry and fully seated.

2

Match the installed probe, extension and Proximitor to the approved total length.

3

Restore shielding, grounding and monitor-channel configuration.

4

Set gap and prove polarity, response and alarm action before release.

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet
Baker Hughes document 141194 Rev. AM

Applications and Engineering Context

8 mm probe cable extension

Completes a matched probe-to-Proximitor route in a machinery-monitoring loop.

Armored machine-case routing

Protects the coaxial path through exposed installation areas.

Proximity-loop refurbishment

Restores the exact 4.5 m extension without altering system calibration.

Approved hazardous-area installations

Maintains the documented cable approval execution within the complete loop.

TECHNICAL NOTE

Install 330130-045-01-05 only in the documented Bently Nevada 3300 XL 8 mm Proximity Transducer System arrangement and record the exact connection and configuration before removal. Restore the approved settings, then verify diagnostics and functional response before release.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	330130-045-01-05 recorded
Host / carrier	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Physical interface	Extends the probe signal through an armored cable route
Configuration	Restore shielding, grounding and monitor-channel configuration.
Functional proof	Set gap and prove polarity, response and alarm action before release.

IMPORTANT NOTICE

Confirm the complete 330130-045-01-05 marking, installed host, hardware execution, terminals or connectors, wiring, grounding, configuration, accessories and controlled commissioning results.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	330130-045-01-05
Approved role	8 mm probe cable extension
Final validation	Set gap and prove polarity, response and alarm action before release.

Engineering Precautions

- 1

Confirm 330130-045-01-05, 4.5 m length and armored execution.
- 2

Place the monitored machine and protection channel in maintenance state.
- 3

Isolate the Proximity Sensor supply before opening cable connections.
- 4

Inspect armor, jacket, bend radius and the complete routed path.
- 5

Keep both ClickLoc interfaces clean, dry and fully seated.
- 6

Match the installed probe, extension and Proximity to the approved total length.
- 7

Restore shielding, grounding and monitor-channel configuration.
- 8

Set gap and prove polarity, response and alarm action before release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
330104-00-04-10-02-05	armored probe	View 330104-00-04-10-02-05 page
330104-00-12-10-02-00	armored probe	View 330104-00-12-10-02-00 page
330104-03-06-10-02-00	armored probe	View 330104-03-06-10-02-00 page
330104-06-12-10-02-00	armored probe	View 330104-06-12-10-02-00 page
330105-02-12-10-02-05	reverse-mount probe	View 330105-02-12-10-02-05 page
330106-05-30-10-02-05	reverse-mount probe	View 330106-05-30-10-02-05 page
330130-080-00-00	extension cable	View 330130-080-00-00 page
330180-50-00	Proximity Sensor	View 330180-50-00 page

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet
Baker Hughes document 141194 Rev. AM

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