

330130-046-00-06

3300 XL 8 mm Extension Cable

INSTALLATION, INTERFACE AND VALIDATION WORKBOOK

Bently Nevada 330130-046-00-06 is preserved as the complete supplied extension-cable identity for an installed 3300 XL 8 mm Proximity Transducer System. It links the matched probe lead to its Proximitor Sensor without assigning unverified suffix meanings.

STEP	GATE	ENGINEERING PURPOSE
01	IDENTIFY	Confirm article, host and hardware
02	ISOLATE	Secure power and stored energy
03	CONNECT	Restore documented interfaces
04	VALIDATE	Prove diagnostics and function

WORKBOOK PURPOSE

Field-ready identity, isolation, connection, commissioning and closeout records for this exact Bently Nevada article.

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Installation Readiness Gate

Complete the identity, host-system and isolation checks before disturbing the installed hardware.

- 1

Confirm the complete 330130-046-00-06 marking directly on the cable before work.
- 2

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

Record the installed probe, Proximitor Sensor and total-system-length configuration.
- 4

Protect both coaxial connectors from dirt, moisture and impact.

Pre-Work Evidence

EVIDENCE ITEM	RECORDED VALUE
Complete article marking	330130-046-00-06
Host / carrier	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Primary system role	Preserves the complete supplied order string
Acceptance boundary	Verify signal polarity, response and alarm action before service release.
Source record	3300 XL 8 mm Proximity Transducer System Datasheet

WORK AUTHORIZATION RECORD

Work order: _____

Drawing / revision: _____

Checked by: _____

Date: _____

Isolation and Access Register

CONTROL POINT	ENGINEER RECORD
Incoming supply	Isolated / proved
Stored energy	Discharged / proved
Field connections	Identified / protected
ESD control	Established / recorded

Pre-Work Documentation

DOCUMENT	ENGINEER RECORD
Connection photograph	Reference / file
Configuration backup	Reference / revision
Diagnostic baseline	Reference / result

Connection and Installation Sequence

INSTALLATION PRINCIPLE

Before removing 330130-046-00-06, record the complete marking, installed position, mating hardware, connectors, wiring and configured channel role. Restore the documented arrangement, review system diagnostics and complete a controlled functional test before release.

- 1

Measure and record the as-found cable route without inferring suffix values.
- 2

Fit only an exact verified replacement and seat both connectors fully.
- 3

Restore the documented monitoring channel and static gap.
- 4

Verify signal polarity, response and alarm action before service release.

Connection Record

CONNECTION GROUP	AS-FOUND / AS-LEFT RECORD	STATUS
Power / field connection	Reference / terminal	Checked
Signal / interface	Reference / connector	Checked
Ground / shield	Reference / point	Checked
Accessory / carrier	Reference / part	Checked

MODEL-SPECIFIC RELEASE LIMIT

Confirm the complete 330130-046-00-06 marking, installed probe and Proximity Sensor, actual cable length and construction, connectors, total system length, routing, grounding, monitor configuration and controlled signal-test results before commissioning.

Interface Acceptance Criteria

ACCEPTANCE ITEM	REQUIRED EVIDENCE
Identity	330130-046-00-06
Host match	Bently Nevada 3300 XL 8 mm Proximity Transducer System
Connection proof	Fit only an exact verified replacement and seat both connectors fully.
Configuration proof	Restore the documented monitoring channel and static gap.

Commissioning and Acceptance Record

Record each controlled verification step before the equipment returns to automatic operation.

NO.	ACCEPTANCE CHECK	RESULT	RECORD
1	Article and host identity	PASS / FAIL	Initial / date
2	Mechanical installation	PASS / FAIL	Initial / date
3	Power and field wiring	PASS / FAIL	Initial / date
4	Grounding and shielding	PASS / FAIL	Initial / date
5	Configuration restoration	PASS / FAIL	Initial / date
6	Signal or power-path response	PASS / FAIL	Initial / date
7	Diagnostics and alarms	PASS / FAIL	Initial / date
8	Final functional release	PASS / FAIL	Initial / date

Engineering Notes

RECORD AREA	ENGINEER ENTRY
As-found condition	
Corrective action	
As-left configuration	
Outstanding restriction	
Release authorization	

CONTROLLED COMMISSIONING

Verify signal polarity, response and alarm action before service release.

Diagnostics and Release Log

EVENT	ENGINEERING RECORD
Initial energization	Result / observation
Interface or signal response	Result / observation
Alarm and diagnostic review	Result / observation
Functional release	Name / date

Maintenance Verification and Closeout

Installed proximity-loop restoration

Maintains the exact cable identity recorded for an existing measurement channel.

Radial vibration channel maintenance

Supports a documented 3300 XL 8 mm vibration transducer arrangement.

Axial position channel maintenance

Preserves the installed proximity signal path during controlled service.

Cable identity verification

Provides the full order string used to compare the removed and replacement cable.

Related Engineering Pages

MODEL	ENGINEERING ROLE	APTER POWER PAGE
3500/42M	monitor I/O module	View 3500/42M page
130118-0050-02	host-to-rack communication cable	View 130118-0050-02 page
3500/53	overspeed detection module	View 3500/53 page
3500/72M	reciprocating-rod monitor	View 3500/72M page
330101-00-08-05-02-05	8 mm proximity probe	View 330101-00-08-05-02-05 page
330103-00-04-10-02-00	metric proximity probe	View 330103-00-04-10-02-00 page
330104-00-12-10-02-00	armored proximity probe	View 330104-00-12-10-02-00 page
330105-02-12-10-02-05	reverse-mount probe	View 330105-02-12-10-02-05 page

MANUFACTURER SOURCE RECORD

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

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