

330854-080-25-00

3300 XL 25 mm High-Temperature Extension Cable

Bently Nevada 330854-080-25-00 is an 8.0 m armored high-temperature FluidLoc extension cable for the 3300 XL 25 mm proximity transducer system. It completes the documented electrical length between the probe and the matching Proximitor Sensor.

BRAND	Bently Nevada	FAMILY	Bently Nevada 3300 XL 25 mm Proximity Transducer System
PART	330854-080-25-00	SYSTEM ROLE	Extends the 25 mm probe signal to the Proximitor Sensor

APTER POWER SALES
TEAM

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



330854-080-25-00

MANUFACTURER SOURCE RECORD

3300 XL 25 mm Proximity Transducer System Datasheet
Baker Hughes document 163236 Rev. M

Product Overview

SYSTEM FUNCTION

Bently Nevada 330854-080-25-00 is an 8.0 m armored high-temperature FluidLoc extension cable for the 3300 XL 25 mm proximity transducer system. It completes the documented electrical length between the probe and the matching Proximitor Sensor.

FUNCTION 1

Extends the 25 mm probe signal to the Proximitor Sensor

FUNCTION 2

Uses armored construction for protected routing

FUNCTION 3

Provides FluidLoc connections for the specified high-temperature cable

FUNCTION 4

Maintains the calibrated total length of the transducer system

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Bently Nevada 3300 XL 25 mm Proximity Transducer System
Primary interface	Extends the 25 mm probe signal to the Proximitor Sensor
Engineering context	Use 330854-080-25-00 only with its documented host, interfaces and accessories; record the as-found arrangement and complete a controlled functional verification after installation.
Commissioning duty	Set the probe gap and prove polarity, linear response and alarm action before release.

TECHNICAL NOTE

Install 330854-080-25-00 only in the documented Bently Nevada 3300 XL 25 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.

Technical Data

PARAMETER	VALUE	PARAMETER	VALUE
Country of origin	USA	Cable construction	Armored high-temperature
HS code	8537101190	Connector type	FluidLoc
Cable model	330854	System family	3300 XL 25 mm
Cable length	8.0 m	Approval option	Not required

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
3500/45	position monitor	View 3500/45 page
330101-00-08-05-02-05	8 mm probe	View 330101-00-08-05-02-05 page
330101-00-20-20-02-CN	8 mm probe	View 330101-00-20-20-02-CN page
330103-00-04-10-02-00	metric probe	View 330103-00-04-10-02-00 page
330103-00-12-10-01-00	metric probe	View 330103-00-12-10-01-00 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

ENGINEERING BOUNDARY

Confirm the complete 330854-080-25-00 marking, installed host, hardware execution, terminals or connectors, wiring, grounding, configuration, accessories and controlled commissioning results.

Applications and Precautions

Common Applications

Steam-turbine differential expansion

Carries a 25 mm probe signal across the engineered machine-to-panel route.

High-temperature probe routing

Provides the documented cable execution near elevated-temperature machine locations.

Large-shaft axial position loops

Completes the matched signal path for extended-range displacement measurement.

25 mm system cable replacement

Restores the exact cable length and connector execution without changing loop calibration.

Product Precautions

- 1

Confirm the complete 330854-080-25-00 cable marking and 8.0 m code.
- 2

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

Isolate the Proximitor Sensor supply before opening either cable connection.
- 4

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

Keep FluidLoc connectors clean, dry and protected from mechanical damage.
- 6

Confirm probe, extension cable and Proximitor Sensor form the approved total length.
- 7

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

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

IMPORTANT NOTICE

Confirm the complete 330854-080-25-00 marking, installed host, hardware execution, terminals or connectors, wiring, grounding, configuration, accessories and controlled commissioning results.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	330854-080-25-00
Configuration	Restore shielding, grounding and monitor-channel configuration.
Functional release	Set the probe gap and prove polarity, linear response and alarm action before release.

Engineer FAQ

Q1 Which complete article marking distinguishes 330854-080-25-00 from nearby variants?

Confirm 330854-080-25-00, 8.0 m armored high-temperature execution, FluidLoc connectors, matched 25 mm probe and Proximitor Sensor, total system length, routing, shielding, grounding, monitor configuration, gap and controlled response-test results before commissioning.

Q3 How should the host position and mating hardware for 330854-080-25-00 be verified?

The cable is installed as part of one calibrated transducer system and must not be substituted by length alone. Commissioning checks the order string, total electrical length, connector cleanliness, shield routing and complete loop response.

Q5 What wiring or connector checks are required for 330854-080-25-00?

Confirm probe, extension cable and Proximitor Sensor form the approved total length.

Q7 Which alarms or status indications should be reviewed after replacing 330854-080-25-00?

Confirm the complete 330854-080-25-00 cable marking and 8.0 m code. Keep FluidLoc connectors clean, dry and protected from mechanical damage.

Q2 What system function is assigned specifically to 330854-080-25-00?

Extends the 25 mm probe signal to the Proximitor Sensor. It completes the documented electrical length between the probe and the matching Proximitor Sensor.

Q4 Which power, signal or field circuits must be controlled before servicing 330854-080-25-00?

Place the monitored machine and protection channel in the approved maintenance state. Isolate the Proximitor Sensor supply before opening either cable connection.

Q6 How is the approved software or hardware setup for 330854-080-25-00 preserved?

Restore shielding, grounding and monitor-channel configuration.

Q8 How is a controlled functional release completed for 330854-080-25-00?

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

MANUFACTURER SOURCE RECORD

3300 XL 25 mm Proximity Transducer System Datasheet
Baker Hughes document 163236 Rev. M

APTER POWER SALES TEAM

WHATSAPP / PHONE +86 180 3023 5313

EMAIL sales13@apterpower.com

WEBSITE www.apterpower.com



330854-080-25-00