

INDUSTRIAL AUTOMATION PRODUCT

330930-065-01-05

3300 XL NSv Extension Cable

Bently Nevada 330930-065-01-05 is a 6.5 m armored 3300 XL NSv extension cable. It completes the matched electrical length between an NSv probe and Proximito Sensor.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	3300 XL NSv Proximity Transducer System
Part number	330930-065-01-05
Country	USA
HS code	8537101190

APTER POWER SALES TEAM

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Technical Specifications

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

PARAMETER	TECHNICAL VALUE
Cable length	6.5 m
Mechanical protection	Flexible AISI 302 stainless-steel armor
Jacket	FEP
Agency approvals	CSA, ATEX and IECEx
Center-conductor resistance	0.220 Ohm/m
Shield resistance	0.066 Ohm/m
Capacitance	69.9 pF/m typical
Connector material	Gold-plated brass
Tensile strength	220 N

ENGINEERING DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	3300 XL NSv proximity probe
Companion hardware	3300 XL NSv Proximator Sensor
Field connection	ClickLoc connectors
Primary system function	Extends the NSv probe connection to the Proximator Sensor
Controlled acceptance duty	Remote Proximator cabinet routing

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System Role and Architecture

Bently Nevada 330930-065-01-05 is a 6.5 m armored 3300 XL NSv extension cable. It completes the matched electrical length between an NSv probe and Proximitor Sensor.

FUNCTION 1

Extends the NSv probe connection to the Proximitor Sensor

FUNCTION 2

Completes the configured matched transducer-system length

FUNCTION 3

Protects the signal path with flexible stainless-steel armor

FUNCTION 4

Provides gold-plated coaxial connections for the eddy-current signal

Matched system components

- 3300 XL NSv proximity probe
- 3300 XL NSv Proximitor Sensor
- ClickLoc connectors
- approved cable supports

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	3300 XL NSv proximity probe
Companion hardware	3300 XL NSv Proximitor Sensor
Field connection	ClickLoc connectors
Primary system function	Extends the NSv probe connection to the Proximitor Sensor
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Applications and Engineering Context

Remote Proximator cabinet routing

Extends the NSv probe connection to the Proximator Sensor

Armored turbine bearing cable run

Completes the configured matched transducer-system length

Compressor NSv probe extension

Protects the signal path with flexible stainless-steel armor

Hazardous-area proximity-system wiring

Provides gold-plated coaxial connections for the eddy-current signal

TECHNICAL NOTE

Add the 6.5 m cable to the installed probe length and confirm the total equals the selected NSv Proximator system length; support the armor and keep both coaxial connectors clean and unloaded.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	330930-065-01-05 / 330930-065-01-05 recorded
Physical interface	3300 XL NSv proximity probe
Companion check	3300 XL NSv Proximator Sensor
Functional proof	Extends the NSv probe connection to the Proximator Sensor
Application test	Remote Proximator cabinet routing

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Engineering Precautions

- 1
- Verify 330930-065-01-05 and the 6.5 m tag before routing.
- 2
- Isolate the associated monitor input and identify both cable ends.
- 3
- Inspect FEP jacket, armor, and connectors for damage.
- 4
- Do not crush, kink, or pull the cable by a connector.
- 5
- Keep both coaxial mating surfaces clean and dry.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
330171-00-12-05-01-05	3300 XL proximity probe	Open product page
200150-09-CN	General-purpose accelerometer	Open product page

MANUFACTURER SOURCE RECORD

3300 XL NSv Proximity Transducer System Datasheet
147385 Rev. R

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