

INDUSTRIAL AUTOMATION PRODUCT

129716-125-040-15-05

3300 XL 8 mm Special-Configuration Proximity Probe

Bently Nevada 129716-125-040-15-05 is a legacy special-configuration 3300 XL 8 mm proximity probe whose exact mechanical codes must be verified from the controlled drawing and supplied nameplate.

CONTROLLED ENGINEERING COPY

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 3300 XL 8 mm proximity system
Part number	129716-125-040-15-05
Origin / HS	USA / 8537101190
Shipping origin	Xiamen, Fujian, China

DOCUMENT SCOPE

Exact article identity, official technical data, host matching, installation checks, applications, precautions and controlled acceptance evidence.

MODEL-SPECIFIC ENGINEERING NOTE

Confirm 129716-125-040-15-05, matched 3300 XL 8 mm extension cable and Proximitior Sensor loop, probe geometry, lead, connector and target gap, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

System Role and Architecture

Bently Nevada 129716-125-040-15-05 is a legacy special-configuration 3300 XL 8 mm proximity probe whose exact mechanical codes must be verified from the controlled drawing and supplied nameplate.

FUNCTION 1
Preserves the complete legacy order identity

FUNCTION 2
Belongs to the 3300 XL 8 mm transducer family

FUNCTION 3
Requires controlled-drawing verification of codes 125, 040 and 15

FUNCTION 4
Must remain matched to the installed transducer loop

MATCHED SYSTEM COMPONENTS

NO.	DOCUMENTED COMPONENT / ROLE
01	Bently Nevada 3300 XL 8 mm proximity system
02	matched 3300 XL 8 mm extension cable and Proximitar Sensor loop
03	probe geometry, lead, connector and target gap
04	Approved wiring, shielding and grounding arrangement

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 3300 XL 8 mm proximity system
Interface role	noncontact shaft displacement measurement
Field / power context	matched 3300 XL 8 mm extension cable and Proximitar Sensor loop
Commissioning evidence	Identity, gap, polarity, response and alarm diagnostics recorded

INSTALLATION AND CONNECTION CHECKS

- 1

Confirm the complete 129716-125-040-15-05 marking and controlled maintenance record before work.
- 2

Place the matched 3300 XL 8 mm extension cable and Proximitar Sensor loop and associated machine or process in the approved maintenance state.
- 3

Isolate the documented power, signal and protection circuits before disconnecting 129716-125-040-15-05.
- 4

Record the installed position, probe geometry, lead, connector and target gap, polarity, shielding and grounding.

Technical Specifications

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

PARAMETER	VALUE	PARAMETER	VALUE
Model	129716-125-040-15-05	Total lead code 15	Verify against controlled drawing
Transducer family	3300 XL 8 mm	Approval suffix 05	Confirm supplied marking and controlled drawing
Configuration code 125	Verify against controlled drawing	Country of origin	USA
Configuration code 040	Verify against controlled drawing	HS code	8537101190

ENGINEERING BOUNDARY

Confirm 129716-125-040-15-05, matched 3300 XL 8 mm extension cable and Proximitior Sensor loop, probe geometry, lead, connector and target gap, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

PRE-INSTALLATION CHECKS

- 1

Confirm the complete 129716-125-040-15-05 marking and controlled maintenance record before work.
- 2

Place the matched 3300 XL 8 mm extension cable and Proximitior Sensor loop and associated machine or process in the approved
- 3

Isolate the documented power, signal and protection circuits before disconnecting 129716-125-040-15-05.
- 4

Record the installed position, probe geometry, lead, connector and target gap, polarity, shielding and grounding.

Applications and Engineering Context

Shaft vibration measurement

Uses the matched 3300 XL 8 mm loop.

Axial position measurement

Supports documented noncontact position channels.

Legacy probe replacement

Retains exact special-order geometry.

Loop recommissioning

Verifies gap, polarity and linear response.

TECHNICAL NOTE

Confirm 129716-125-040-15-05, matched 3300 XL 8 mm extension cable and Proximitor Sensor loop, probe geometry, lead, connector and target gap, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before commissioning.

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	129716-125-040-15-05 recorded
Host / carrier	Bently Nevada 3300 XL 8 mm proximity system
Physical interface	probe geometry, lead, connector and target gap matched
Configuration	Exact installed configuration and channel assignments restored
Functional proof	Controlled noncontact shaft displacement measurement response recorded

IMPORTANT NOTICE

Confirm 129716-125-040-15-05, matched 3300 XL 8 mm extension cable and Proximitor Sensor loop, probe geometry, lead, connector and target gap, installed position, polarity, shielding, grounding, configuration, diagnostics and controlled functional-test evidence before

Related Products and Source Record

Brand-qualified Apter Power navigation links are provided for system planning only; manufacturer evidence remains the named source record.

RELATED PRODUCTS ON APTER POWER	
01	Bently Nevada 330903-00-07-10-01-CN
02	Bently Nevada 330903-00-07-10-01-00
03	Bently Nevada 330162-03-45-45-45-05-05-94-01-02
04	Bently Nevada 330101-00-60-90-01-05
05	Bently Nevada 330104-11-25-10-02-00
06	Bently Nevada 330102-04-25-10-02-00
07	Bently Nevada 330910-00-07-05-02-CN
08	Bently Nevada 330910-00-07-05-02-05

Navigation links only - not manufacturer evidence for technical parameters.

MANUFACTURER SOURCE RECORD

3300 XL 8 mm Proximity Transducer System Datasheet | Bently Nevada publication 141194 Rev. AM; exact legacy order-code geometry requires controlled drawing

APTER POWER SALES TEAM

WHATSAPP / PHONE

EMAIL

WEBSITE

+86 180 3023 5313

sales13@apterpower.com

www.apterpower.com

