330173-00-06-10-02-00

3300 5 mm metric unarmored proximity probe

Bently Nevada 330173-00-06-10-02-00 is a 3300 5 mm metric unarmored proximity probe in the 3300 5 mm Transducer System. Its complete ordering code identifies the installed mechanical, cable, connector and approval configuration.

BRAND	Bently Nevada	ORIGIN	USA
MODEL	330173-00-06-10-02-00	HS CODE	8537101190
FAMILY	3300 5 mm Transducer System	SHIP FROM	Xiamen, Fujian, China

MANUFACTURER SOURCE RECORD

3300 5 mm Transducer System Datasheet
Baker Hughes publication 172036 Rev. T

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330173-00-06-10-02-00

Product Overview

SYSTEM FUNCTION

Bently Nevada 330173-00-06-10-02-00 is a 3300 5 mm metric unarmored proximity probe in the 3300 5 mm Transducer System. Its complete ordering code identifies the installed mechanical, cable, connector and approval configuration.

FUNCTION 1

M8 x 1 compact probe body

FUNCTION 2

1.0 m integral lead

FUNCTION 3

Two-millimeter linear range

FUNCTION 4

ClickLoc connector on standard cable

TECHNICAL NOTE

Install 330173-00-06-10-02-00 only with the matched 3300 5 mm Transducer System components. Combine the 1.0 m probe lead with the matched extension cable and 3300 XL Proximitor Sensor; system performance remains limited to the 3300 5 mm specification. Record the marking, channel, cable route and target before work, then prove gap voltage and dynamic response before release.

Technical Data and Acceptance

PARAMETER	VERIFIED VALUE
Thread	M8 x 1
Armor	None
Unthreaded length	0 mm
Case length	60 mm
Total length	1.0 m
Connector	ClickLoc; standard cable
Approval	None
Recommended gap	1.27 mm
Linear range	2 mm

ENGINEERING BOUNDARY

Install 330173-00-06-10-02-00 only with the matched 3300 5 mm Transducer System components. Combine the 1.0 m probe lead with the matched extension cable and 3300 XL Proximitor Sensor; system performance remains limited to the 3300 5 mm specification. Record the marking, channel, cable route and target before work, then prove gap voltage and dynamic response before release.

Acceptance Path

1 IDENTITY

330173-00-06-10-02-00 marking recorded

2 MATCHED SYSTEM

3300 5 mm Transducer System components confirmed

3 GAP

Static operating point accepted

4 FUNCTIONAL PROOF

Dynamic response and channel test passed

Applications and Engineering FAQ

APPLICATION	ENGINEERING CONTEXT
Radial vibration measurement	Observes shaft-to-probe motion in a matched proximity transducer loop.
Axial position monitoring	Measures controlled thrust or position displacement where the installation geometry is approved.
Keyphasor reference	Supports phase-reference or speed measurement under the manufacturer application guidance.
Machinery protection maintenance	Restores the exact documented component configuration during controlled service work.

Model-Specific FAQ — Part 1

QUESTION	ANSWER
What product family must be matched with 330173-00-06-10-02-00?	Use only components from the documented 3300 5 mm Transducer System.
Which order-code identity must be recorded for 330173-00-06-10-02-00?	Record the complete code, not only the base series number.
What target condition must be verified before gapping 330173-00-06-10-02-00?	Verify material, surface geometry and the approved measurement location.
What must be preserved before removing 330173-00-06-10-02-00?	Record gap voltage, channel configuration, cable route and connector condition.

FAQ, Related Products and Source

QUESTION	ANSWER
May its cable be shortened or spliced in service for 330173-00-06-10-02-00?	No unapproved shortening or splicing should be used; maintain the documented system length.
How should the coaxial connection be protected on 330173-00-06-10-02-00?	Keep it clean, dry and protected with the documented connector arrangement.
What commissioning checks are required for 330173-00-06-10-02-00?	Verify identity, continuity, gap voltage, dynamic response and monitor-channel diagnostics.
What evidence should be retained after installing 330173-00-06-10-02-00?	Retain the order code, installed position, mating components, gap value and functional-test results.

MANUFACTURER SOURCE RECORD

3300 5 mm Transducer System Datasheet
Baker Hughes publication 172036 Rev. T

Related Products on Apter Power

MODEL	APTER POWER PAGE
Bently Nevada 330101-00-13-15-02-cn	Open product page
Bently Nevada 330101-00-13-30-02-05	Open product page
Bently Nevada 330101-00-15-05-11-00	Open product page
Bently Nevada 330101-00-15-10-02-00	Open product page
Bently Nevada 330101-00-15-10-02-05	Open product page
Bently Nevada 330101-00-15-15-02-05	Open product page
Bently Nevada 330101-00-15-20-02-00	Open product page
Bently Nevada 330101-00-16-05-02-00	Open product page

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