

APTER POWER PRODUCT GUIDE

330171-00-33-50-01-05

3300 5 mm Proximity Probe

Bently Nevada 330171-00-33-50-01-05 is a threaded 3300 5 mm proximity probe for non-contact shaft position and vibration measurement. Its order code defines a 3.3 in case and 5.0 m integral probe cable.

Manufacturer	Bently Nevada
Model	330171-00-33-50-01-05
Product type	3300 5 mm Proximity Probe
Product family	3300 5 mm Proximity Transducer System
Country	Sweden
HS code	8537101190
Shipping origin	Xiamen, Fujian, China

APTER POWER SALES TEAM

INDUSTRIAL AUTOMATION PRODUCT SUPPORT

Three interface paths, one controlled configuration.

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SCAN FOR PRODUCT & QUOTE

1. Product overview and identity

- Uses an eddy-current sensing tip for conductive shaft targets
- Connects through the ClickLoc coaxial interface with its protector
- Works as one element of the matched 3300 5 mm transducer chain
- Supports static gap and dynamic machinery-motion monitoring

Model configuration

Complete model	330171-00-33-50-01-05
Product type	3300 5 mm Proximity Probe
System family	3300 5 mm Proximity Transducer System

2. Technical specifications

Probe series	330171
Mounting thread	1/4-28 UNF-2A
Unthreaded length	0.0 in
Overall case length	3.3 in
Total probe length	5.0 m
Connector	Miniature coaxial ClickLoc
Connector protector	Included
Cable construction	Standard
Probe tip diameter	5.2 mm
Cable impedance	75 ohm
Maximum cable outside diameter	2.8 mm
Approval option	Multiple Approvals

3. Functions, applications and components

Extended-case machine penetration points

Uses an eddy-current sensing tip for conductive shaft targets

Fluid-film bearing shaft monitoring

Connects through the ClickLoc coaxial interface with its protector

Keyphasor phase reference pickup

Works as one element of the matched 3300 5 mm transducer chain

Rotational speed measurement

Supports static gap and dynamic machinery-motion monitoring

Associated system components

- 3300 XL extension cable
- 3300 XL 5 mm Proximitior Sensor
- conductive shaft target
- monitoring channel

4. Engineering FAQ and source record

Which transducer system accepts 330171-00-33-50-01-05?

Use it within a 3300 5 mm system comprising the probe, the specified 3300 XL extension cable and a 3300 XL 5 mm Proximity Sensor.

What does the 00-12 segment identify on 330171-00-33-50-01-05?

It identifies zero unthreaded length and a 3.3 in overall case length.

What does the cable code identify on 330171-00-33-50-01-05?

The CC field specifies the integral probe lead as 5.0 m.

How should the connector on 330171-00-33-50-01-05 be handled?

Keep the miniature coaxial ClickLoc connection clean, fully seated and protected from side loading.

Source record

Baker Hughes Bently Nevada 3300 5 mm Transducer System Datasheet 172036

<https://dam.bakerhughes.com/m/3048672186f80f8/original/3300-5-mm-Transducer-System-Datasheet-172036-pdf.pdf>

ASK FOR QUOTE

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