21000-16-10-000-062-03-02

21000 proximity-probe housing assembly

Protected 3300 XL 8 mm proximity measurement

PRODUCT SNAPSHOT

BRAND
Bently Nevada

FAMILY
21000 proximity-probe housing system

PART
21000-16-10-000-062-03-02

PRODUCT TYPE
21000 proximity-probe housing assembly

APTER POWER SALES TEAM

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PRODUCT OVERVIEW

Protected 3300 XL 8 mm proximity measurement

1. Includes the 3300 XL 8 mm probe option
2. Uses a 1.0 m probe cable
3. Has no standoff adapter
4. Uses the documented reducer, seal grip and 3/4-14 NPT mounting

SYSTEM COMPONENTS

- 21000 proximity-probe housing system
- documented companion hardware
- approved field wiring or cabling
- monitoring-system configuration record

TECHNICAL NOTE

Confirm the penetration dimension at the machine and preserve required sleeve support, fittings and conduit sealing.

TECHNICAL DATA

PARAMETER	VALUE
Complete model	21000-16-10-000-062-03-02
Manufacturer	Bently Nevada
Product family	21000 proximity-probe housing system
Probe option	3300 XL 8 mm probe
Probe cable length	1.0 m

PARAMETER	VALUE
Standoff adapter	None
Probe penetration	6.2 in
Fitting option	3/4-14 NPT plug, 3/4-to-1/2-14 NPT reducer and cable seal grip
Mounting thread	3/4-14 NPT
Penetration adjustment	+/-0.5 in

ENGINEERING NOTE

Confirm the penetration dimension at the machine and preserve required sleeve support, fittings and conduit sealing.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330101 00 08 10 01 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330101 00 08 10 01 00 page
Bently Nevada 330101 00 13 30 02 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330101 00 13 30 02 05 page
Bently Nevada 330104 04 10 50 02 05	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330104 04 10 50 02 05 page
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Bently Nevada 330104 00 09 90 02 00	Related Bently Nevada machinery-monitoring product	View Bently Nevada 330104 00 09 90 02 00 page

APPLICATIONS & PRECAUTIONS

COMMON APPLICATIONS

Radial shaft vibration

Includes the 3300 XL 8 mm probe option

Shaft position

Uses a 1.0 m probe cable

Machinery protection

Has no standoff adapter

Controlled replacement

Uses the documented reducer, seal grip and 3/4-14 NPT mounting

PRODUCT PRECAUTIONS

1. Verify the complete 21000-16-10-000-062-03-02 marking and the assigned 21000 proximity-probe housing system position before work.
2. Place the connected machinery and monitoring channel in the approved maintenance state before handling 21000-16-10-000-062-03-02.
3. Isolate every documented supply and field circuit before disconnecting 21000-16-10-000-062-03-02.
4. Record the installed connectors, conductors, cable routing and configuration associated with 21000-16-10-000-062-03-02.
5. Use ESD controls and protect exposed connectors, cable ends and keyed interfaces while handling 21000-16-10-000-062-03-02.
6. Confirm the documented companion hardware and ordering options for 21000-16-10-000-062-03-02 before energizing.
7. Restore power in a controlled sequence and review monitor, rack and host diagnostics for 21000-16-10-000-062-03-02.
8. Complete a controlled functional test and retain the final acceptance record for 21000-16-10-000-062-03-02.

ENGINEER FAQ

Q1 What probe option is specified for 21000-16-10-000-062-03-02?

For 21000-16-10-000-062-03-02, the documented probe option is 3300 XL 8 mm probe.

Q2 What probe cable length is specified for 21000-16-10-000-062-03-02?

For 21000-16-10-000-062-03-02, the documented probe cable length is 1.0 m.

Q3 What standoff adapter is specified for 21000-16-10-000-062-03-02?

For 21000-16-10-000-062-03-02, the documented standoff adapter is None.

Q4 What probe penetration is specified for 21000-16-10-000-062-03-02?

For 21000-16-10-000-062-03-02, the documented probe penetration is 6.2 in.

Q5 What fitting option is specified for 21000-16-10-000-062-03-02?

For 21000-16-10-000-062-03-02, the documented fitting option is 3/4-14 NPT plug, 3/4-to-1/2-14 NPT reducer and cable seal grip.

Q6 What mounting thread is specified for 21000-16-10-000-062-03-02?

For 21000-16-10-000-062-03-02, the documented mounting thread is 3/4-14 NPT.

Q7 How is 21000-16-10-000-062-03-02 used in the documented 21000 proximity-probe housing system?

It is used in the 21000 proximity-probe housing system to provide protected 3300 xl 8 mm proximity measurement.

Q8 What must be confirmed during final acceptance of 21000-16-10-000-062-03-02?

Confirm the exact ordering identity, documented companion hardware, restored field connections and a controlled functional test of the 21000 proximity-probe housing system before service release.

SOURCE 21000, 24701 and 164818 Proximity Probe Housing Assemblies Datasheet | 141600 Rev. AC

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