APTER■POWER

PRODUCT TECHNICAL REFERENCE

INDUSTRIAL AUTOMATION PRODUCT

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

21000 proximity-probe housing assembly

Protected 3300 XL 8 mm proximity measurement

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	21000 proximity-probe housing system
Part number	21000-16-10-000-062-03-02

APTER POWER SALES TEAM

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2 Technical Specifications

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

PARAMETER	TECHNICAL 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
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 DATA SUMMARY

DATA GROUP	VERIFIED ASSIGNMENT
Installed host / carrier	21000 proximity-probe housing system
Companion hardware	documented companion hardware
Field connection	approved field wiring or cabling
Primary system function	Includes the 3300 XL 8 mm probe option
Controlled acceptance duty	Radial shaft vibration

3 System Role and Architecture

Protected 3300 XL 8 mm proximity measurement

FUNCTION 1

Includes the 3300 XL 8 mm probe option

FUNCTION 2

Uses a 1.0 m probe cable

FUNCTION 3

Has no standoff adapter

FUNCTION 4

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

Matched system components

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

SYSTEM INTEGRATION RECORD

INTEGRATION ITEM	DOCUMENTED ROLE
Installed host / carrier	21000 proximity-probe housing system
Companion hardware	documented companion hardware
Field connection	approved field wiring or cabling
Primary system function	Includes the 3300 XL 8 mm probe option
Controlled acceptance duty	Radial shaft vibration

4 Applications and Engineering Context

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

TECHNICAL NOTE

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

MODEL-SPECIFIC ACCEPTANCE EVIDENCE

CHECK	ACCEPTANCE CONDITION
Identity	21000-16-10-000-062-03-02 / 21000-16-10-000-062-03-02 recorded
Physical interface	21000 proximity-probe housing system
Companion check	documented companion hardware
Functional proof	Includes the 3300 XL 8 mm probe option
Application test	Radial shaft vibration

5 Engineering 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.

RELATED PRODUCTS ON APTER POWER

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 86691 01780 1300 15	Related Bently Nevada machinery-monitoring product	**View Bently Nevada 86691 01780 1300 15 page**
Bently Nevada 330880 28 15 044 01 02	Related Bently Nevada machinery-monitoring product	**View Bently Nevada 330880 28 15 044 01 02 page**
Bently Nevada 330103 02 08 50 11 00	Related Bently Nevada machinery-monitoring product	**View Bently Nevada 330103 02 08 50 11 00 page**
Bently Nevada 330102 00 31 05 02 00	Related Bently Nevada machinery-monitoring product	**View Bently Nevada 330102 00 31 05 02 00 page**
Bently Nevada 330104 00 15 50 12 00	Related Bently Nevada machinery-monitoring product	**View Bently Nevada 330104 00 15 50 12 00 page**
Bently Nevada 330172 08 12 50 02 00	Related Bently Nevada machinery-monitoring product	**View Bently Nevada 330172 08 12 50 02 00 page**
Bently Nevada 330174 00 08 50 02 05	Related Bently Nevada machinery-monitoring product	**View Bently Nevada 330174 00 08 50 02 05 page**
Bently Nevada 330232 01 10 12 00	Related Bently Nevada machinery-monitoring product	**View Bently Nevada 330232 01 10 12 00 page**

MANUFACTURER SOURCE RECORD

21000, 24701 and 164818 Proximity Probe Housing Assemblies Datasheet

141600 Rev. AC

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