

INDUSTRIAL AUTOMATION PRODUCT

21000-16-10-000-102-03-02

Proximity Probe Housing Assembly

Bently Nevada 21000-16-10-000-102-03-02 is the documented Proximity Probe Housing Assembly for the Bently Nevada 21000/24701 proximity probe housing system. It positions and protects the proximity probe at the documented machine mounting point.

IDENTITY	VERIFIED VALUE
Manufacturer	Bently Nevada
System family	Bently Nevada 21000/24701 proximity probe housing system
Part number	21000-16-10-000-102-03-02
Product role	Provides an adjustable probe mounting position
Lifecycle	Installed product record

DOCUMENT SCOPE

Exact-article identity, technical data, host role, installation checks, applications, precautions and engineering verification.

MODEL-SPECIFIC ENGINEERING NOTE

Match Bently Nevada 21000-16-10-000-102-03-02 to the documented host and mating interfaces, and record the as-found 21000 housing option execution, connections, cable route, shielding and configuration. Restore the approved arrangement and verify diagnostics and controlled channel response before release.

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Technical Specifications

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

PARAMETER	VALUE	PARAMETER	VALUE
Product family	21000 and 24701	Purpose	Probe mounting and adjustment
Component	Proximity probe housing assembly	Reference document	141600 Rev. AA

Verified Product Record

DATA GROUP	VERIFIED VALUE
Installed host / carrier	Bently Nevada 21000/24701 proximity probe housing system
Primary system role	Provides an adjustable probe mounting position
Connection boundary	Match Bently Nevada 21000-16-10-000-102-03-02 to the documented host and mating interfaces, and record the as-found 21000 housing option execution, connections, cable route, shielding and configuration. Restore the approved arrangement and verify diagnostics and controlled channel response before release.
Controlled acceptance duty	Radial vibration probe mounting

ENGINEERING BOUNDARY

Confirm Bently Nevada 21000-16-10-000-102-03-02, complete article suffix, installed host, mating components, mounting, connectors, cable route, wiring, shielding, grounding, monitor configuration and controlled functional-test results before commissioning.

Pre-Installation Checks

1	Confirm Bently Nevada 21000-16-10-000-102-03-02 and the complete installed article marking.	2	Place the monitored machine and protection channel in the approved maintenance state.
3	Isolate the affected circuit and apply ESD-safe handling.	4	Record the installed position, connectors, cable route, shielding and 21000 housing option execution before removal.

Documented Service Record

RECORD ITEM	REQUIRED ENTRY
As-found article	21000-16-10-000-102-03-02
Installed host	Bently Nevada 21000/24701 proximity probe housing system
Connection record	Capture before removal
Controlled release	Diagnostics and functional proof

System Role and Architecture

Bently Nevada 21000-16-10-000-102-03-02 is the documented Proximity Probe Housing Assembly for the Bently Nevada 21000/24701 proximity probe housing system. It positions and protects the proximity probe at the documented machine mounting point.

FUNCTION 1
Provides an adjustable probe mounting position

FUNCTION 2
Protects the probe and field connection

FUNCTION 3
Supports repeatable static-gap setting

FUNCTION 4
Integrates with the documented machine bracket

Matched System Components

NO.	DOCUMENTED COMPONENT / ROLE
1	Bently Nevada 21000/24701 proximity probe housing system
2	Proximity probe housing assembly
3	Radial vibration probe mounting
4	Match Bently Nevada 21000-16-10-000-102-03-02 to the documented host and mating interfaces, and record the as-found 21000 housing option execution, connections, cable route, shielding and configuration. Restore the approved arrangement and verify diagnostics and controlled channel response before release.

System Integration Record

INTEGRATION ITEM	DOCUMENTED ROLE
Host identity	Bently Nevada 21000/24701 proximity probe housing system
Interface role	Provides an adjustable probe mounting position
Field / power context	The article is installed only with the documented Bently Nevada 21000/24701 proximity probe housing system components. Commissioning preserves the exact suffix identity, physical interfaces, wiring, shielding, configuration and controlled response evidence.
Commissioning evidence	Complete a controlled response and alarm test before service release.

Installation and Connection Checks

1

Confirm the documented host, mating components and physical interfaces.

2

Restore the approved mounting, wiring, shielding and monitor configuration.

3

Review supply, bias, channel and monitor diagnostics after energization.

4

Complete a controlled response and alarm test before service release.

MANUFACTURER SOURCE RECORD

21000 and 24701 Proximity Probe Housing Assemblies Datasheet
Baker Hughes publication 141600 Rev. AA

Applications and Engineering Context

Radial vibration probe mounting

Positions a proximity probe at the approved bearing-bracket location.

Axial position probe mounting

Provides a repeatable adjustable housing for a thrust-position probe.

Keyphasor probe installation

Supports a protected phase-reference probe mounting point.

Probe replacement maintenance

Preserves the documented insertion and gap-setting arrangement.

TECHNICAL NOTE

Match Bently Nevada 21000-16-10-000-102-03-02 to the documented host and mating interfaces, and record the as-found 21000 housing option execution, connections, cable route, shielding and configuration. Restore the approved arrangement and verify diagnostics and controlled channel response before release.

Model-Specific Acceptance Evidence

CHECK	ACCEPTANCE CONDITION
Identity	21000-16-10-000-102-03-02 recorded
Host / carrier	Bently Nevada 21000/24701 proximity probe housing system
Physical interface	Provides an adjustable probe mounting position
Configuration	Review supply, bias, channel and monitor diagnostics after energization.
Functional proof	Complete a controlled response and alarm test before service release.

IMPORTANT NOTICE

Confirm Bently Nevada 21000-16-10-000-102-03-02, complete article suffix, installed host, mating components, mounting, connectors, cable route, wiring, shielding, grounding, monitor configuration and controlled functional-test results before commissioning.

Controlled Release Summary

RELEASE ITEM	MODEL-SPECIFIC CONDITION
Article identity	21000-16-10-000-102-03-02
Approved role	Radial vibration probe mounting
Final validation	Complete a controlled response and alarm test before service release.

Engineering Precautions

1	Confirm Bently Nevada 21000-16-10-000-102-03-02 and the complete installed article marking.	2	Place the monitored machine and protection channel in the approved maintenance state.
3	Isolate the affected circuit and apply ESD-safe handling.	4	Record the installed position, connectors, cable route, shielding and 21000 housing option execution before removal.
5	Confirm the documented host, mating components and physical interfaces.	6	Restore the approved mounting, wiring, shielding and monitor configuration.
7	Review supply, bias, channel and monitor diagnostics after energization.	8	Complete a controlled response and alarm test before service release.

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330525-CN	Related Apter Power product	View Bently Nevada 330525-CN page
Bently Nevada 330173-04-08-10-02-00	Related Apter Power product	View Bently Nevada 330173-04-08-10-02-00 page
Bently Nevada 330171-01-10-10-02-00	Related Apter Power product	View Bently Nevada 330171-01-10-10-02-00 page
Bently Nevada 330171-00-08-10-02-CN	Related Apter Power product	View Bently Nevada 330171-00-08-10-02-CN page
Bently Nevada 330103-04-10-10-02-05	Related Apter Power product	View Bently Nevada 330103-04-10-10-02-05 page
Bently Nevada 330103-03-08-10-01-00	Related Apter Power product	View Bently Nevada 330103-03-08-10-01-00 page
Bently Nevada 330103-00-06-90-02-00	Related Apter Power product	View Bently Nevada 330103-00-06-90-02-00 page
Bently Nevada 330103-00-05-05-01-CN	Related Apter Power product	View Bently Nevada 330103-00-05-05-01-CN page

MANUFACTURER SOURCE RECORD

21000 and 24701 Proximity Probe Housing Assemblies Datasheet
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