

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.

BRAND	Bently Nevada	FAMILY	Bently Nevada 21000/24701 proximity probe housing system
PART	21000-16-10-000-102-03-02	SYSTEM ROLE	Provides an adjustable probe mounting position

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

MANUFACTURER SOURCE RECORD

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

Product Overview

SYSTEM FUNCTION

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

System Components

COMPONENT	DOCUMENTED ROLE
Host / carrier	Bently Nevada 21000/24701 proximity probe housing system
Primary interface	Provides an adjustable probe mounting position
Engineering 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 duty	Complete a controlled response and alarm test before service release.

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.

Technical Data

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

Related Products on Apter Power

MODEL	SYSTEM ROLE	APTER POWER PAGE
Bently Nevada 330709-000-050-10-12-05	Related Apter Power product	View Bently Nevada 330709-000-050-10-12-05 page
Bently Nevada 330706-005-046-10-02-00	Related Apter Power product	View Bently Nevada 330706-005-046-10-02-00 page
Bently Nevada 330500-07-00	Related Apter Power product	View Bently Nevada 330500-07-00 page
Bently Nevada 200355-00-00-00-543466	Related Apter Power product	View Bently Nevada 200355-00-00-00-543466 page
Bently Nevada 330705-02-18-10-02-00	Related Apter Power product	View Bently Nevada 330705-02-18-10-02-00 page
Bently Nevada 330701-00-10-10-02-00	Related Apter Power product	View Bently Nevada 330701-00-10-10-02-00 page
Bently Nevada 330425-01-00	Related Apter Power product	View Bently Nevada 330425-01-00 page
Bently Nevada 200350-00-00-00	Related Apter Power product	View Bently Nevada 200350-00-00-00 page

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.

Applications and Precautions

Common Applications

Radial vibration probe mounting

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

Keyphasor probe installation

Supports a protected phase-reference probe mounting point.

Axial position probe mounting

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

Probe replacement maintenance

Preserves the documented insertion and gap-setting arrangement.

Product 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.

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.

ACCEPTANCE CHECK	REQUIRED EVIDENCE
Identity	21000-16-10-000-102-03-02
Configuration	Review supply, bias, channel and monitor diagnostics after energization.
Functional release	Complete a controlled response and alarm test before service release.

Engineer FAQ

Q1 How should housing identity be verified for Bently Nevada 21000-16-10-000-102-03-02?

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.

Q3 What must be preserved for conduit sealing when servicing Bently Nevada 21000-16-10-000-102-03-02?

Record the installed position, connectors, cable route, shielding and 21000 housing option execution before removal.

Q5 What official check applies to extension lead for Bently Nevada 21000-16-10-000-102-03-02?

Confirm the documented host, mating components and physical interfaces.

Q7 Which diagnostic confirms static gap for Bently Nevada 21000-16-10-000-102-03-02?

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

Q2 Which record controls probe insertion on Bently Nevada 21000-16-10-000-102-03-02?

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.

Q4 How is bracket position isolated before work on Bently Nevada 21000-16-10-000-102-03-02?

Place the monitored machine and protection channel in the approved maintenance state. Isolate the affected circuit and apply ESD-safe handling.

Q6 How is case isolation restored after fitting Bently Nevada 21000-16-10-000-102-03-02?

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

Q8 What proves installation evidence is accepted for Bently Nevada 21000-16-10-000-102-03-02?

Complete a controlled response and alarm test before service release.

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