

Bently Nevada 24701-28-05-XX-117-03-XX MOD 323933-00-02

Stainless-Steel Proximity Probe Housing Assembly

Product scope

- Provides an 11.7 in penetration for machinery with a deep probe access path.
- Includes the package 03 plug, reducer and multi-range cable sealing components.
- Uses a 0.5 m probe allowance within the 24701 stainless-steel housing architecture.

Manufacturer source

Exact-model technical record

Verified model-specific overview, function, operating principle, applications and technical data.

Request a fast quote	Product reference	
Email: info@apterpower.com Phone: +86 18106909650 apter.com/inquiry.php	Bently Nevada 24701-28-05-XX-117-03-XX MOD 323933-00-02	

The enclosed manufacturer pages are reproduced without alteration to technical content. External interactive links and unrelated pages are excluded from this web-optimized copy.

Bently Nevada 24701-28-05-XX-117-03-XX MOD 323933-00-02

Stainless-Steel Proximity Probe Housing Assembly

Product overview

Bently Nevada 24701-28-05-XX-117-03-XX MOD 323933-00-02 is a stainless-steel probe housing with a 0.5 m probe provision, 11.7 in penetration and multi-fitting package 03. Configuration-controlled XX fields must be verified from the assembly.

24701-28-05-XX-117-03-XX MOD 323933-00-02 applies an 11.7 in insertion depth to the stainless-steel 24701 housing platform. The 05 selection is intended for a 0.5 m probe lead, and package 03 supplies the plug, reducer and cable-seal hardware.

A long insertion path lets the proximity probe reach a target through thick machine housings or extended brackets. The external cover keeps the probe termination serviceable without exposing it directly to surrounding plant activity.

Long sleeves demand careful mechanical support and alignment. Because the standoff and mounting thread are coded XX, the field assembly and MOD 323933-00-02 drawing must govern replacement selection.

Technical specifications

Probe family option	28; 3300 XL 8 mm with selectable approval option
Probe cable length	0.5 m / 20 in
Probe penetration	11.7 in / 297.2 mm
Fitting package	03; plug, NPT reducer and cable seal grip
Plug thread	3/4-14 NPT
Reducer	3/4-14 to 1/2-14 NPT
Cable-seal grommet ranges	1/8-3/16, 1/4-5/16 and 5/16-3/8 in
Housing body material	303 stainless steel
Sleeve material	304 stainless steel
Standoff field	XX; configuration controlled
Mounting-thread field	XX; configuration controlled
MOD drawing reference	323933-00-02
Long-sleeve support threshold	Above 304 mm / 12 in
Typical mass without fittings	1.8 kg / 4.0 lb

24701-28-05-XX-117-03-XX MOD 323933-00-02

function and operating principle

Ordered configuration

This configuration combines the 11.7 in penetration code with the fuller package 03 fitting set.

System role

It carries the probe through an extended machine-case path while preserving protected access to the probe connection.

Selection and installation

Sleeve support, cable reach and both unresolved XX fields must be verified against drawing 323933-00-02.

Functional path

- Provides an 11.7 in penetration for machinery with a deep probe access path.
- Includes the package 03 plug, reducer and multi-range cable sealing components.
- Uses a 0.5 m probe allowance within the 24701 stainless-steel housing architecture.

Application scenarios

- Deep bearing-housing access points can use the extended sleeve to reach the defined shaft viewing location.
- Outdoor machinery installations can route the probe cable through the supplied seal-grip hardware.
- Maintenance programs can preserve a repeatable probe insertion distance during removal and reinstallation.

24701-28-05-XX-117-03-XX MOD 323933-00-02 engineering checks

Temperature & Humidity Range

- The installed probe must remain within the temperature range specified for the selected 3300 XL 8 mm sensing element.
- Seal components should be inspected where condensation or washdown can enter the external cover.
- Low-temperature installations require attention to the probe system's documented pressure-seal limitations.

Safety & Compliance

- The cable seal and reducer must be assembled with threads and grommets that match the installed conduit arrangement.
- Sleeves approaching 12 in require a stiffness assessment, and longer sleeves require positive support.
- Area approval is determined by the exact completed assembly rather than the base 24701 family alone.

Monitoring & Control

- The housing establishes a stable mechanical reference for measuring shaft gap and dynamic displacement.
- Repeatable probe depth helps preserve the electrical gap when a serviced sensor is returned to the machine.
- Cable sealing reduces contamination risks that could affect connector insulation and signal stability.

Critical technical note

Provide mechanical support for the long sleeve used with 24701-28-05-XX-117-03-XX MOD 323933-00-02 and verify both XX selections from the installed unit.

The technical content in this document is limited to the exact product identity shown above and the verified manufacturer material used for preparation.

Ready to source this part?

Ask for availability, pricing and delivery options.

Request a fast quote

Include the product title and any required part number or quantity.

EMAIL

info@apterpower.com

PHONE

+86 18106909650



SCAN TO CHAT ON WHATSAPP

REQUEST A QUOTE

PRODUCT: Bently Nevada 24701-28-05-XX-117-03-XX MOD 323933-00-02

Manufacturer pages are reproduced without alteration to technical content.

Apter Power is not an authorized distributor, reseller or representative of the products featured.