21000-27-05-00-40-03-02

Proximity Probe Housing Assembly | Exact-code field guide

Check all six groups. D40 is supplied; source uses DDD. Verify 4.0 in against the physical label.

Read the complete reference

Configuration check

Probe 27: 3300 XL NSv probe with selectable hazardous-area approval option

Configuration check

Cable 05: 0.5 m (20 in); standoff 00: No standoff adapter

Configuration check

Penetration 40: 4.0 in (option 40 as supplied; confirm 040 against the three-digit source format); fittings 03

Key technical values

Housing series

21000 external-mount assembly

Probe option

27 - 3300 XL NSv

Probe lead

05 - 0.5 m (20 in)

Standoff adapter

00 - none

Penetration marking

40 supplied; confirm 040 before using 4.0 in

Fittings option

03 - NPT plug, reducer and cable seal grip

The offered item boundary: The housing code specifies a probe and fitting configuration; verify actual contents, cable, sensor and mounting hardware against the offer photographs. A Proximitor Sensor is separate unless itemized.

Application context

System and supply context: 21000-27-05-00-40-03-02 defines a complete housing option string. Confirm the physical probe, cable, fittings and sleeve before quoting a replacement.

Discuss this exact configuration

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Pre-installation and controlled work

21000-27-05-00-40-03-02 | Fit, cable and site checks

01 Check every code group

The base housing number alone does not fix probe family, cable length, penetration or fittings.

02 Confirm penetration

The supplied D field uses 40. The original source presents DDD as a three-digit field; check the physical label before accepting 040 as equivalent.

03 Check cable and sensor

Record the 0.5 m (20 in) probe cable and verify the companion Proximitor Sensor configuration.

04 Inspect fitting package

Option 03 specifies one 3/4-14 npt plug, one 3/4-14 to 1/2-14 npt reducer, and one cable seal grip with grommets; compare actual supplied hardware.

05 Verify mounting interface

Mounting option 02 is 3/4-14 NPT; check machine-case threads and sealing.

06 Record baseline

After controlled installation, document target gap, cable route and monitor response.

Controlled enquiry and offer

Review your reference: Send 21000-27-05-00-40-03-02, installed assembly photos, target dimensions, quantity and site requirements.

Confirm the offer: Review the supplied probe, fittings, condition, quantity and dispatch date in the quotation.

Arrange dispatch: Confirm accepted quantity and delivery destination so dispatch can be arranged.

Verification and handover

21000-27-05-00-40-03-02 | Ordering checks and engineering FAQ

Two ordering checks

Match the complete marking

Include 21000-27-05-00-40-03-02 and any revision or assembly number visible on the housing. Keep the exact reference on your enquiry and quotation.

Check the offered item before ordering

Request available housing-label, probe-connection and fitting photos. Have your maintenance team compare the offered 21000-27-05-00-40-03-02 with the installed equipment and applicable Bently Nevada documentation.

Engineering FAQ

What is Bently Nevada 21000-27-05-00-40-03-02?

A configured 21000 externally mounted proximity probe housing assembly.

Which probe option is coded in 21000-27-05-00-40-03-02?

Option 27 selects 3300 xl nsv probe with selectable hazardous-area approval option.

What cable length is coded in 21000-27-05-00-40-03-02?

Option 05 selects 0.5 m (20 in).

What standoff and penetration apply to 21000-27-05-00-40-03-02?

Standoff 00 means no standoff adapter; penetration 40 indicates 4.0 in (option 40 as supplied; confirm 040 against the three-digit source format).

Which fittings are ordered for 21000-27-05-00-40-03-02?

Option 03 specifies one 3/4-14 npt plug, one 3/4-14 to 1/2-14 npt reducer, and one cable seal grip with grommets.

What mounting thread applies to 21000-27-05-00-40-03-02?

Option 02 selects 3/4-14 NPT; compare the machine-case interface.

Does 21000-27-05-00-40-03-02 prove the complete sensor chain is matched?

No. Verify the actual probe/cable assembly and match the companion Proximitor Sensor and monitor.

What should be recorded after installing 21000-27-05-00-40-03-02?

Record all six code groups, supplied hardware, gap setting, cable route, site approvals and controlled channel response.

Technical basis

Bently Nevada 21000, 24701, and 164818 Proximity Probe Housing Assemblies Datasheet, 141600 Rev. AC. The original ordering table identifies this family and option group meanings.

Related Apter Power listings

- **Bently Nevada 330909-00-30-10-02-00**
- **Bently Nevada 330101-04-36-05-02-05**
- **Bently Nevada 330101-04-36-10-02-05**
- **Bently Nevada 330102-00-32-10-02-00**