330102-00-32-10-02-00

3300 XL 8 mm probe | Field sequence

The five ordering groups define probe geometry, integral lead, connector and approval. Verify the installed measurement chain before changing the monitored channel.

Order-code decision map

330102 / 00 / 32

Armored standard-mount probe; 3/8-24 UNF case, 0.0 in unthreaded section and 3.2 in overall length.

10 / 02 / 00

1.0 m integral lead; standard ClickLoc without protector; no agency approval requested.

Length-selection path

1.0 m probe lead

This exact item supplies the first electrical segment.

Extension cable

Choose length so probe plus extension equals sensor length.

Proximitor Sensor

Match the installed total system-length marking.

The probe alone is not a calibrated transducer chain. Record the part numbers of the other two elements and the original gap indication before disconnecting.

01 Identity

Read every option group on the offered and removed probe. Do not accept a base number as proof of cable or approval match.

02 Case and target

Confirm 3/8-24 UNF mounting, 0.0 in unthreaded section and 3.2 in case clearance; plan the gap adjustment without target contact.

03 Connector

Check ClickLoc mating condition, cleanliness, strain relief and any separately itemized protector.

Fit and installation

330102-00-32-10-02-00 | Readiness to matched connection

04 Electrical length

Combine the 1.0 m integral lead with the selected extension cable; compare with the Proximitor Sensor marking.

05 Agency option

Option 00 does not request agency approvals. Check the actual marking and site classification before energization.

Controlled replacement sequence

1 Isolate and document

Record the channel, machine state, installed chain markings and previous gap indication.

2 Remove and compare

Protect the target; compare case thread and tip geometry with the removed assembly before inserting the offered probe.

3 Mount and route

Fit the probe in the approved bracket. Route the integral lead without abrasion or tensile load at the ClickLoc joint.

4 Complete the chain

Join the selected extension cable and matched Proximitor Sensor; verify each connection is clean and positively seated.

5 Set the gap

Use the approved monitor and machinery procedure to set the reference gap with the target in its controlled position.

6 Restore in stages

Recheck the site hazardous-area arrangement, then energize and monitor the channel response under a controlled operating condition.

System-length calculations

Match the Proximitor total length

For a 5.0 m chain: 1.0 m probe + 4.0 m extension (040). For a 9.0 m chain: 1.0 m probe + 8.0 m extension (080). Verify connector, cable and sensor markings; extensions are separate items.

Commissioning and handover

330102-00-32-10-02-00 | Acceptance and diagnostic path

Unexpected baseline

Confirm target position and gap first; then compare the 1.0 m probe lead, extension cable and Proximitor length markings.

Intermittent response

Inspect the ClickLoc junction for contamination, looseness or cable strain. Check continuity using the approved method.

Mechanical interference

Recheck bracket clearance and case lengths before further adjustment; keep the probe clear of the moving target.

Handover evidence

Record the complete probe marking, companion cable and sensor numbers, target position, gap voltage and controlled machine response. Compare with the maintenance record before returning the channel to service.

Technical basis

Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet, 141194 Rev. AN. The ordering options identify the probe; output characteristics depend on the matched system.

Return-to-service decision

Accept the channel only after checks

Confirm a stable gap indication, no probe-to-target contact over the approved travel, correct 5 m or 9 m chain marking, and the site installation requirements.

Related Apter Power listings

Bently Nevada 330130-085-00-02
Bently Nevada 330101-04-36-05-02-05
Bently Nevada 330102-04-16-10-02-00
Bently Nevada 330104-00-16-10-02-00

Discuss this exact configuration

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