Bently Nevada 330130-080-03-00

01 Inventory the complete chain

Lay out the component identities from the installed probe through the extension to the conditioner. Mark the cable joints that may be opened and retain the existing electrical-length selections before routing the replacement assembly.

Record the probe, extension cable and conditioner identities as a single assembly. Compare the electrical-length selections before connection; the visible distance between the machine and cabinet does not establish calibration compatibility.

Record to retain	Inventory the complete chain
Circuit or system boundary	3300 XL 8 mm transducer system

02 Plan the armored route

Provide a supported route that avoids crushing and abrasion. Preserve access to the protected junction without imposing tensile load on the probe lead.

Inspect armor supports and connector access along the proposed route. Keep the calibrated assembly intact and resolve any shortage of reach through a correctly selected assembly rather than cutting or splicing the cable.

Record to retain	Plan the armored route
Circuit or system boundary	3300 XL 8 mm transducer system

330130-080-03-00

03 Inspect coaxial contacts

Check the mating ClickLoc contacts for contamination or damage. Assemble using the intended finger-tight locking action and restore connector protection.

Inspect the mating surfaces for contamination and mechanical damage before joining the coaxial connection. Complete the intended connector protection without allowing the protective cover or cable routing to pull on the probe connection.

Record to retain	Inspect coaxial contacts
Circuit or system boundary	3300 XL 8 mm transducer system

04 Verify the static gap signal

With an approved stationary target arrangement, compare conditioner output with the expected gap response. Investigate a shifted value before moving the probe mechanically.

Compare the stationary target gap with the expected conditioner output using the matched system procedure. Record the actual target material and final gap setting so later changes can be distinguished from cable faults.

Record to retain	Verify the static gap signal
Circuit or system boundary	3300 XL 8 mm transducer system

330130-080-03-00

05 Check dynamic stability

Use the applicable controlled channel test and confirm stable response through the final routed cable. Retain the exact probe, cable and conditioner identities in the maintenance record.

Observe the signal while the cable rests in its final supported route. Investigate intermittent response associated with connector or cable movement before accepting a dynamic measurement from the installed chain.

Technical basis: Bently Nevada 3300 XL 8 mm Proximity Transducer System, 141194 Rev. AN.

Related product navigation

- Bently Nevada 330103-00-04-10-02-CN
- Bently Nevada 330750-80-05

These are related references, not confirmed substitutes or an automatically approved assembly.