Bently Nevada 330104-00-07-50-02-00

01 Verify the five-metre configuration

Identify the integral probe lead and the conditioner selected for the installed channel. Mark the probe position and cable supports before removal, preserving the configuration information needed to re-establish the measurement chain.

Identify the full integral probe length and the matching conditioner before assembly. Retain a photograph of the length selections so an unnecessary extension is not introduced during later maintenance.

Record to retain	Verify the five-metre configuration
Circuit or system boundary	3300 XL 8 mm transducer system

02 Prepare the metric mounting

Inspect the M10 x 1 interface and target location. Preserve adequate adjustment while avoiding damage to the sensing tip.

Check metric thread engagement, case clearance and target access before tightening the mount. Establish the probe position using the machine procedure rather than using the armored lead to turn or align the probe.

Record to retain	Prepare the metric mounting
Circuit or system boundary	3300 XL 8 mm transducer system

03 Route the integral armored lead

Support the cable through the machine exit and enclosure route. Do not shorten, splice or sharply load the integral lead to fit the path.

Secure the armor so normal machine movement does not load the connector or probe case. Inspect bends and support points along the final route before performing the electrical acceptance check.

Record to retain	Route the integral armored lead
Circuit or system boundary	3300 XL 8 mm transducer system

04 Check gap and proportional response

Use the applicable target and controlled displacement reference. Compare static gap voltage and change in output before restoring monitor settings.

Record output at several controlled gap positions with the actual target material. Resolve a non-proportional response through the complete probe-and-conditioner chain before changing monitor scaling.

Record to retain	Check gap and proportional response
Circuit or system boundary	3300 XL 8 mm transducer system

05 Release the matched channel

Verify the intended scale, polarity and machinery-monitoring response. Retain the final probe and conditioner identities with the maintenance record.

Restore the final mechanical setting and verify the channel through its normal receiving equipment. Retain the final gap reading and connection arrangement so subsequent tests can reproduce the accepted configuration.

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

Related product navigation

- Bently Nevada 330180-91-05
- Bently Nevada 330101-00-08-05-02-05

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