

**Bently Nevada - 3300 XL 11 mm Proximity Transducer System****330710-000-060-10-02-00**

M16 x 1.5 armored proximity probe with 100 cm standard cable

**Verified model data**

|                      |                                                          |
|----------------------|----------------------------------------------------------|
| Manufacturer         | Bently Nevada                                            |
| Exact catalog number | 330710-000-060-10-02-00                                  |
| Probe construction   | Metric, armored                                          |
| Case thread          | M16 x 1.5                                                |
| Unthreaded length    | 0 cm                                                     |
| Overall case length  | 6.0 cm                                                   |
| Total probe length   | 100 cm                                                   |
| Connector and cable  | Miniature coaxial ClickLoc; standard cable; no protector |

**Documented role**

Acts as the sensing element of a matched 3300 XL 11 mm system for extended-range non-contact displacement and vibration measurements.

**Selection and installation check**

Use the normalized six-part order code, preserve the calibrated cable length, and match the probe to the correct extension cable, Proximitor Sensor, target material and 5 m or 9 m system configuration.

APTER POWER

**Bently Nevada - 3300 XL 11 mm Proximity Transducer System****330710-000-060-10-02-00****Additional verified data**

|                             |                                                             |
|-----------------------------|-------------------------------------------------------------|
| Agency approval option      | No approval required                                        |
| System sensitivity          | 3.94 V/mm (100 mV/mil), +/-10% including interchangeability |
| System linear range         | 4.0 mm (160 mil), approximately 0.5 to 4.5 mm               |
| Recommended gap             | 2.5 mm (100 mil)                                            |
| Frequency response          | 0 to 8 kHz typical, +0/-3 dB                                |
| Probe operating temperature | -52 to +177 deg C                                           |
| Minimum cable bend radius   | 2.54 cm                                                     |

**System matching**

- Use a 3300 XL 11 mm Proximitor Sensor and match probe plus extension cable to the selected 500 cm or 900 cm system length.
- Keep the AISI 4140 target basis used for the published system scale and linear-range performance.
- Do not shorten or splice the 100 cm probe cable because the complete electrical length is part of the calibrated system.

**Installation checks**

- Confirm the M16 x 1.5 threaded opening, case engagement, bracket geometry and machine clearance.
- Observe the documented case torque and maintain at least the 2.54 cm cable bend radius.
- Commission with a controlled gap sweep, verify signal direction and set the operating point near the documented 2.5 mm gap.

Evidence boundary: No exact-model complete-product Dimensions or measured net Weight was published; the official weight formula is not used as an inferred product value.

Source basis: Baker Hughes publication 146256 Rev. T.