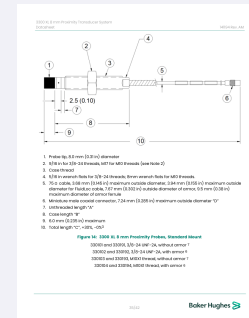


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

330103-00-13-05-02-05

M10 x 1 unarmored 8 mm proximity probe



PRODUCT	330103-00-13-05-02-05
FAMILY	3300 XL 8 mm Proximity Transducer System
FUNCTION	M10 x 1 unarmored 8 mm proximity probe
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from Bently Nevada documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

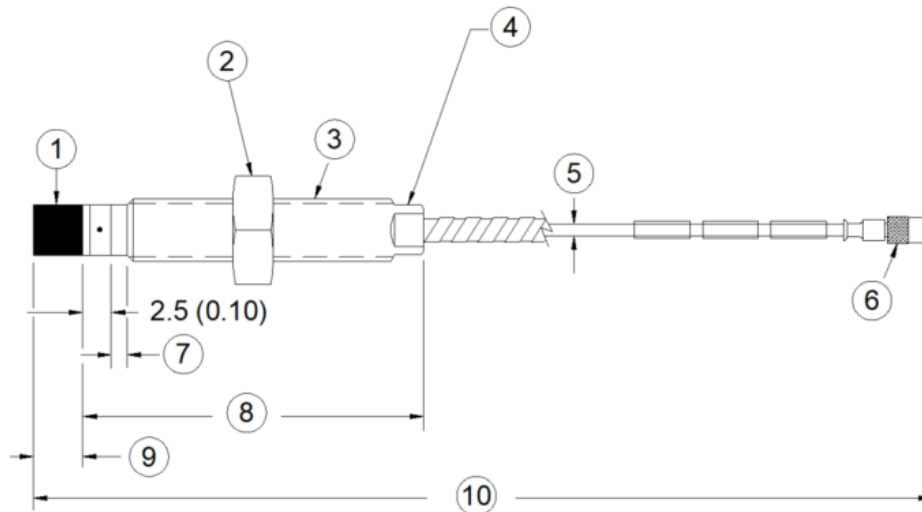
Component Type	3300 XL 8 mm proximity probe
Probe Thread	M10 x 1
Probe Armor	Without armor
Unthreaded Length	0 mm
Overall Case Length	130 mm
Total Cable Length	0.5 m (1.6 ft)

02 PREPARATION AND CONNECTION

- Confirm the complete 330103-00-13-05-02-05 article number and installed revision.
- Isolate applicable electrical and process energy using the approved site procedure.
- Record every connector, cable, terminal, shield and protective-earth connection before removal.
- Install without forcing keyed parts, then secure terminals, latches, fasteners and cable supports.

3300 XL 8 mm Proximity Transducer System
Datasheet

141194 Rev. AM



1. Probe tip, 8.0 mm (0.31 in) diameter
2. 9/16 in for 3/8-24 threads, M17 for M10 threads (see Note 2)
3. Case thread
4. 5/16 in wrench flats for 3/8-24 threads; 8mm wrench flats for M10 threads.
5. 75 Ω cable, 3.68 mm (0.145 in) maximum outside diameter, 3.94 mm (0.155 in) maximum outside diameter for FluidLoc cable, 7.67 mm (0.302 in) outside diameter of armor, 9.5 mm (0.38 in) maximum diameter of armor ferrule
6. Miniature male coaxial connector, 7.24 mm (0.285 in) maximum outside diameter "D"
7. Unthreaded length "A"
8. Case length "B"
9. 6.0 mm (0.235 in) maximum
10. Total length "C", +30%, -0%³

Figure 14: 3300 XL 8 mm Proximity Probes, Standard Mount

330101 and 330191, 3/8-24 UNF-2A, without armor ⁷

330102 and 330192, 3/8-24 UNF-2A, with armor ⁶

330103 and 330193, M10X1 thread, without armor ⁷

330104 and 330194, M10X1 thread, with armor ⁶

04 COMMISSIONING CHECKS

- 01 Confirm product identity and mechanical seating.
- 02 Verify the documented supply before energising.
- 03 Inspect polarity, shielding and protective-earth connections.
- 04 Restore power in the approved sequence and observe status indications.
- 05 Test each connected input, output or communication path.
- 06 Record diagnostics and functional-test results before return to service.

05 CONTROLLED DOCUMENT

Official source	Bently Nevada 3300 XL 8 mm Proximity Transducer System Datasheet 141194 Rev. AM
Product record	330103-00-13-05-02-05
Manufacturer	Bently Nevada
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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