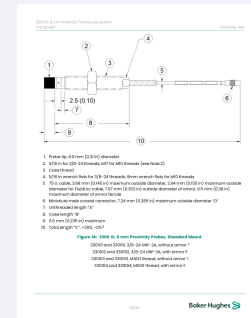


FIELD INSTALLATION QUICK GUIDE

Installation Instructions

330102-16-40-50-01-05

eight millimeter proximity probe



PRODUCT	330102-16-40-50-01-05
FAMILY	3300 XL 8 mm proximity transducer systems
FUNCTION	eight millimeter proximity probe
STATUS	Verify exact installed equipment

Prepared by Amikon Limited from 3300 XL 8mm Proximity Transducer documentation. This guide supplements the complete manufacturer manual and site procedure.

01 CONFIRM THE ORDERED CONFIGURATION

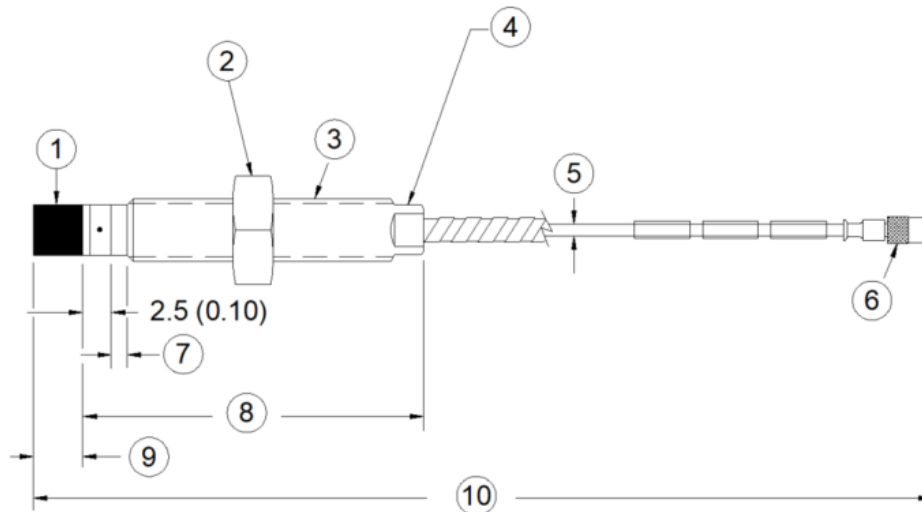
Probe Thread	3/8-24 UNF
Cable Armor	Stainless steel armor
Unthreaded Length	1.6 in
Overall Case Length	4.0 in
Total Cable Length	5.0 m
Connector Option	ClickLoc with protector

02 PREPARATION AND CONNECTION

- Confirm the complete 330102-16-40-50-01-05 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 official manufacturer documentation
Product record	330102-16-40-50-01-05
Manufacturer	3300 XL 8mm Proximity Transducer
Warranty	12 months from AMIKON
Support	INFO@AMIKON.CN

AMIKON PRODUCT SUPPORT

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