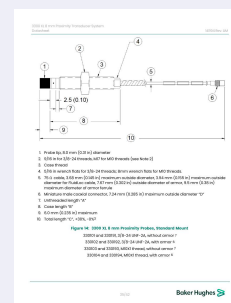


8 mm Proximity Probe



THREAD	PROBE	LENGTH	CABLE
3/8-24	8.0 mm	9.0 m	Standard

01 CONFIRM ORDERED CONFIGURATION

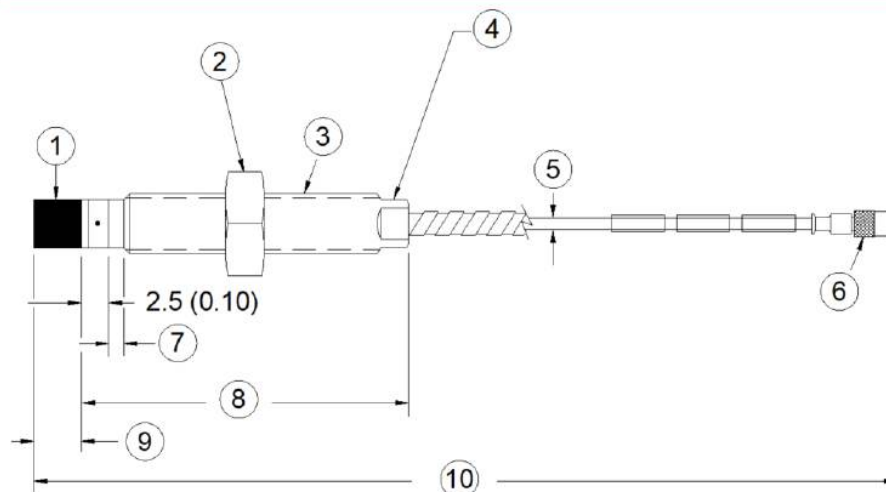
Product model	330101-00-20-90-02-05
Product component	3300 XL 8 mm proximity probe
Case thread	3/8-24 UNF, without armor
Unthreaded length option 00	0.0 inches
Overall case length option 20	2.0 inches
Total length option 90	9.0 meters (29.5 feet)
Connector option 02	ClickLoc, no protector, standard cable

- Confirm the complete order number and approval marking before installation.
- Use the 3/8-24 case thread and 2.0 in overall case length shown in the controlled drawing.
- Maintain the 25.4 mm (1.0 in) minimum cable bend radius.
- Use the 9.0 m probe with a compatible 9.0 m 3300 XL Proximity Sensor; no extension cable is used.
- Tighten ClickLoc connectors finger tight and do not exceed 0.565 N m connector torque.

OFFICIAL INSTALLATION DRAWING

3300 XL 8 mm Proximity Transducer System
Datasheet

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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 PRE-ENERGIZATION CHECKS

01	Confirm the exact model and approval marking on the product nameplate.
02	Confirm the matched probe, extension cable and Proximity Sensor system length where applicable.
03	Verify mounting dimensions, thread engagement, cable routing and environmental protection.
04	Check connector security and ensure no mechanical load is applied to the probe tip.
05	Verify monitor configuration and initial system response before placing the machine in service.
06	Retain the current manufacturer document and commissioning record with the machine file.

05 OFFICIAL DOCUMENTATION

Datasheet 141194 Rev. AM

06 SCOPE REMINDER

Installation must follow the controlled manufacturer instructions and qualified site engineering practice. This document is a product-specific reference only.

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