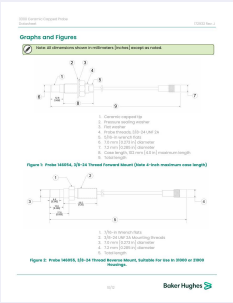


AMIKON TECHNICAL DOCUMENTATION

Installation Instructions

Bently Nevada 146054-034-20-02-05

Ceramic Capped Proximity Probe



THREAD	CASE	LENGTH	TIP
3/8-24	3.4 in	2.0 m	Alumina

This concise reference does not replace the controlled manufacturer drawing, site procedures, or approval documents.

01

CONFIRM ORDERED CONFIGURATION

Product model	146054-034-20-02-05
Product component	3300 ceramic capped proximity probe
Probe thread	3/8-24 UNF, without armor
Overall case length option 034	3.4 inches
Total length option 20	2.0 meters (6.6 feet)
Connector and cable option 02	ClickLoc connector, standard cable, no protector
Agency approval option 05	Multiple Approvals

02

INSTALLATION CONTROLS

- Gap the probe electrically and avoid contact between the ceramic tip and the target surface.
- Do not expose the unsealed rear of the 146054 probe to destructive environments.
- Do not exceed 0.563 in thread engagement for the 3/8-24 case thread.
- Use a compatible 3300 Proximity Sensor and extension cable for the complete measurement system.
- Verify monitor configuration because the ceramic-capped probe curve is shifted from a standard probe.

03 OFFICIAL INSTALLATION DRAWING

3300 Ceramic Capped Probe
Datasheet

172932 Rev. J

Graphs and Figures

 Note: All dimensions shown in millimeters [inches] except as noted.

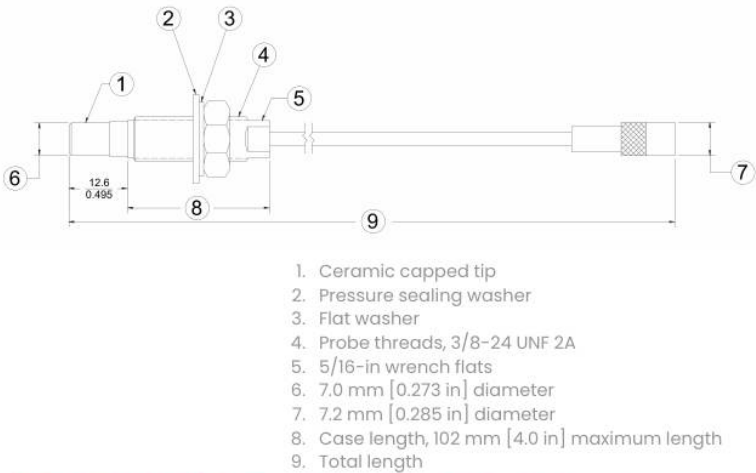


Figure 1: Probe 146054, 3/8-24 Thread Forward Mount (Note 4-inch maximum case length)

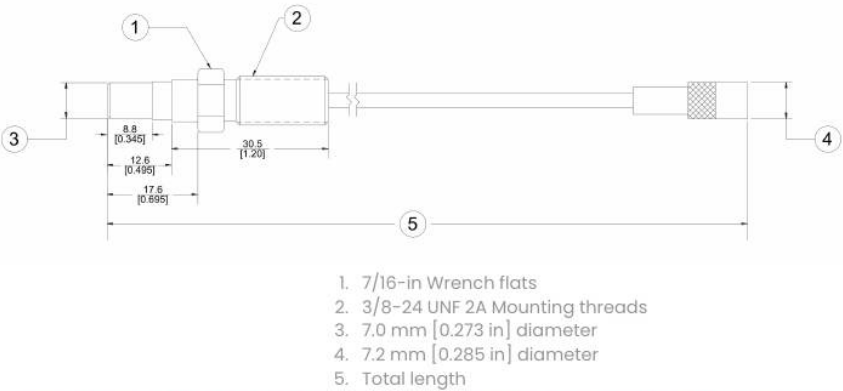


Figure 2: Probe 146055, 3/8-24 Thread Reverse Mount, Suitable For Use In 31000 or 21000 Housings.

Source: Datasheet 172932 Rev. J. Use the current controlled manufacturer drawing for final installation.

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 172932 Rev. J

06 SCOPE REMINDER

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

AMIKON PRODUCT SUPPORT

+86-18020776786

INFO@AMIKON.CN

AMIKONG.COM