

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Selected official pages for procurement and maintenance review

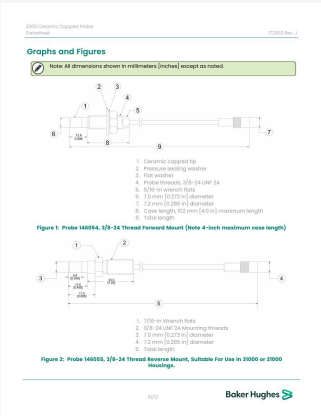
PRODUCT BRAND

Bently Nevada

PRODUCT MODEL

146054-034-20-02-05

Ceramic capped proximity probe. Requires a compatible 3300 Proximitor Sensor and extension cable.



OFFICIAL SOURCE

Datasheet 172932 Rev. J

[Open current manufacturer source](#)

AMIKON PRODUCT SUPPORT

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Ordering Information



For the detailed listing of country and product-specific approvals, refer to the [Approvals Quick Reference Guide \(108M1756\)](#).

For additional technical documentation, please log in to [bntechsupport.com](#) and access the Bently Nevada Media Library.

3300 Ceramic Capped Proximity Probes

146054 3300 Ceramic Capped Probe, 3/8-24 UNF thread, without armor

146054 with Modification 164523 3300 Ceramic Capped Probe, 3/8-24 UNF thread, with armor

Part Number-AA-BB-CC-DD	
A:	Overall Case Length Option
	Order in increments of 0.1 in Threaded length configurations: Maximum case length: 4.0 in Minimum case length: 0.8 in
Example	2 4 = 2.4 in
B: Total Length Option	
0 5	0.5 meter (1.6 feet)
1 0	1.0 meter (3.3 feet)
2 0	2.0 meters (6.6 feet)
5 0	5.0 meters (16.4 feet) ¹
9 0	9.0 meters (29.5 feet)
C: Connector and Cable-Type Option	
0 1	Miniature coaxial ClickLoc connector with connector protector, standard cable

0 2	Miniature coaxial ClickLoc connector, standard cable
D: Agency Approval Option	
0 0	Not required
0 5	CSA, ATEX, IECEx

3300 Ceramic Capped Proximity Probes, Metric

164517, 3300 Ceramic Capped Probe, M10 x 1 thread, without armor

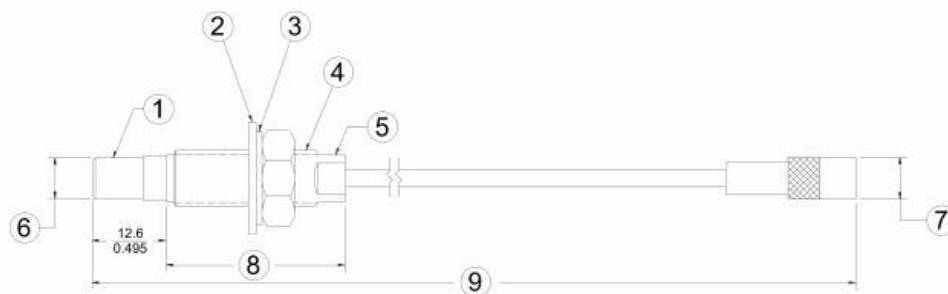
164517 with Modification 172330, 3300 Ceramic Capped Probe, M10 x 1 thread, with armor

Part Number-AA-BB-CC-DD	
A:	Overall Case Length Option
	Order in increments of 1 mm. Metric thread configurations: Maximum length: 100 mm Minimum length: 20 mm
Example	0 6 0 = 60 mm
B: Total Length Option	
0 5	0.5 meter (1.6 feet)
1 0	1.0 meter (3.3 feet)
2 0	2.0 meters (6.6 feet)
5 0	5.0 meters (16.4 feet) ¹
9 0	9.0 meters (29.5 feet)
C: Connector and Cable-Type Option	
0 1	Miniature coaxial ClickLoc connector with connector protector, standard cable
0 2	Miniature coaxial ClickLoc connector, standard cable
D: Agency Approval Option	
0 0	Not required
0 5	Multiple Approvals

Graphs and Figures

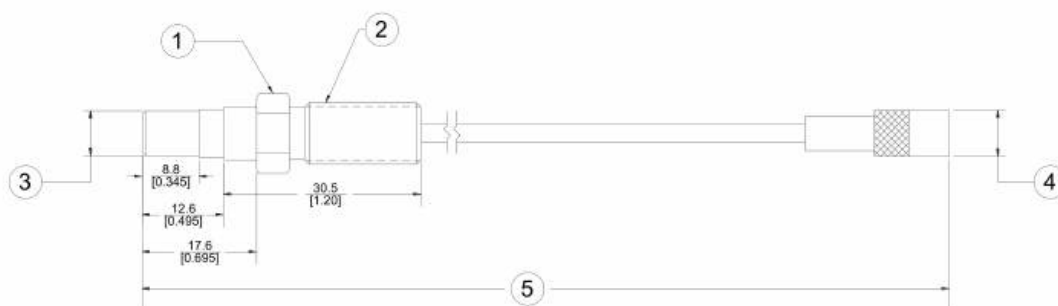


Note: All dimensions shown in millimeters [inches] except as noted.



1. Ceramic capped tip
2. Pressure sealing washer
3. Flat washer
4. Probe threads, 3/8-24 UNF 2A
5. 5/16-in wrench flats
6. 7.0 mm [0.273 in] diameter
7. 7.2 mm [0.285 in] diameter
8. Case length, 102 mm [4.0 in] maximum length
9. Total length

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



1. 7/16-in Wrench flats
2. 3/8-24 UNF 2A Mounting threads
3. 7.0 mm [0.273 in] diameter
4. 7.2 mm [0.285 in] diameter
5. Total length

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