OVERVIEW

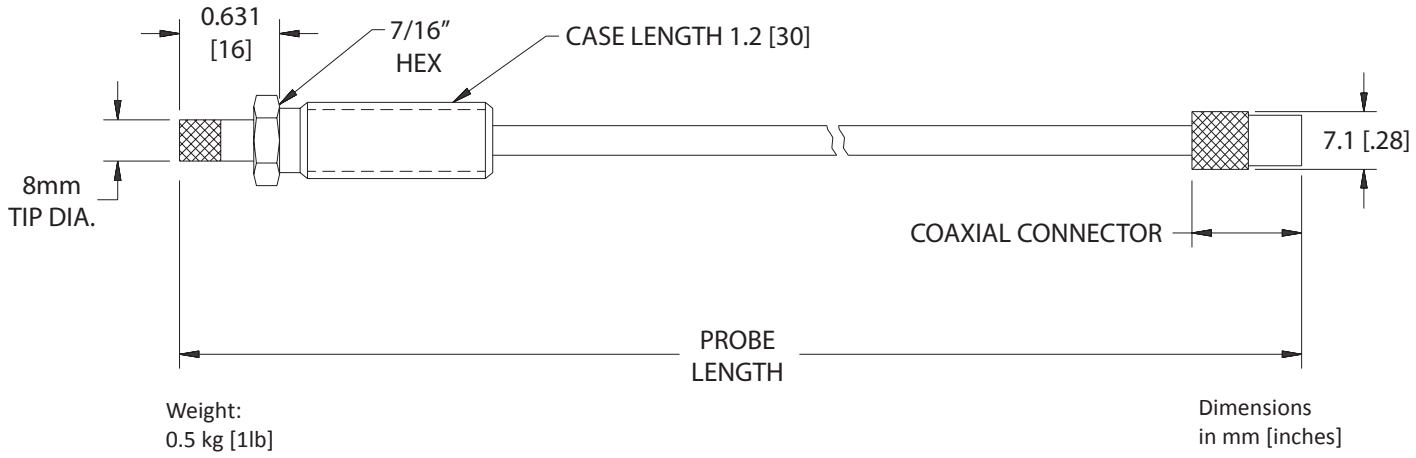
The 10026 High Pressure Proximity Probe can withstand pressures to 1000 psig (6.89 MPa). These probes are available in reverse mount only, have high pressure seals and are used with high pressure 5499 mounting accessories.

SPECIFICATIONS

Probe Tip Material	Ryton
Probe Case Material	Series 300 Series Stainless Steel
Probe Cable Specs	Coaxial cable with Tefzel insulation for maximum abrasion resistance with ProxMatch color & alphanumeric coding specific to a series and system length.
Cable Impedance	95 Ω
Connector Material	Gold plated brass
Connector to Connector Torque	Finger tight and 1/8 turn.
Tensile Strength	75 lbf. probe case to probe lead. 60 lbf. probe pigtail to connector and 60 lbf. connectors to extenstion cable.
Minimum Bend Radius	1 inch (25mm)
Target Material	4140 steel (standard)
Probe & Extension Cable Temperature Range	-40°C to +177°C (-40°F to +351°F)
Probe Pressure	1000 psig (6.89 MPa)
Relative Humidity	100% condensing but not submersible and with connectors properly protected.

WEIGHT & DIMENSIONS

High Pressure Reverse Mount Probe Style (Model 10026-925-XX-02) to 1000 PSI (6.89 MPa)



HOW TO ORDER

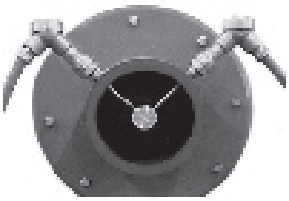
10026-925 - A A - 02

Model	Tip Diameter	Case Theads	A	A	Probe Length	Connector
10026	8mm	3/8-24 UNF	0	5	= 0.5m ± 0.05m	Yes
			1	0	= 10 = 1.0m ± 0.1m	

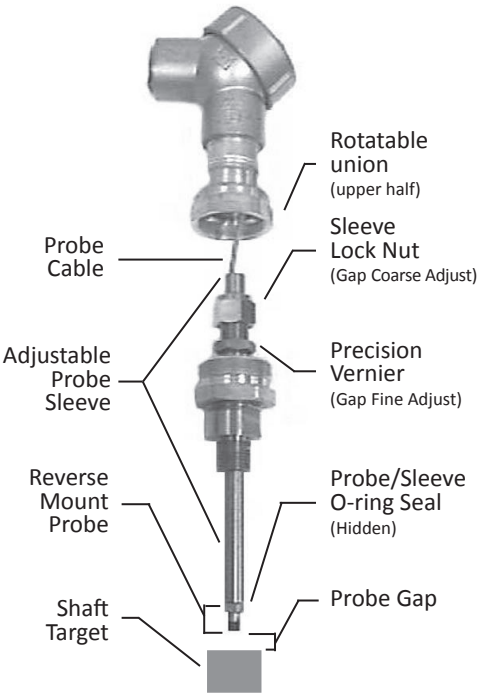
MODEL 5499 REQUIRED PROBE MOUNT (for reverse mount probe style only)

With VerniGap™ fine sleeve adjustment for easily setting precise probe gaps.

Model 5499 ruggedized housing provides physical protection for probe. It facilitates faster and more accurate probe gap setup and maintenance with separate coarse adjustment and vernier fine adjustment mechanisms. Disassembly of the integral conduit union allows adjustment access as shown in the photo. An adjustable Probe Sleeve is included with Model 5499. The Reverse Mount Probe is installed into the threaded end of the probe sleeve and then locked in place with the lock nut. Sleeve can be field cut to the proper insertion length prior to probe installation.



Housing opened to show gap adjustment



5499 - X X X

X	X	X	Tip Diameter	Max. Insertion Depth	Use with Model	Pressure
0	0	2	3/8” x 24	6.2 in	Any reverse mount probe with these threads	Up to 100 psi (0.689 MPa)
0	0	3		13.4 in		
1	0	2	M10 x 1	15.75 cm		
1	0	3		34.0 cm		
2	0	2	3/8” x 24	7.4 in	10026-925-05	Up to 200 psi (1.37 MPa)
2	0	3		13.4 in	10026-925-10	
3	0	2	M10 x 1	18.5 cm	Available upon request	
3	0	3		34 cm		
4	0	2	3/8” x 24	7.4 in	10026-925-05	Up to 1000 psi (6.89 MPa)
4	0	3		13.4 in		
5	0	2	M10 x 1	18.5 cm	Available upon request	
5	0	3		34 cm		

Standard is for 1/2” NPT mounting stud, for 3/4” NPT mounting, add M1002 in sufix. Example: 5499-002-**M1002**

SAFETY INTERGITY LEVEL

SIL is a method or measurement unit to determine the reliability of electrical, electronic and programmable systems. The purpose of the SIL certification is to measure safety system performance and the likelihood of failure. Achieving SIL certification, based on the IEC61508 Functional Safety Standard, signifies that the product has been thoroughly assessed and is a reliable electronic device ready to use across a wide range of industries.

Metrix DPS products have been thoroughly evaluated by an independent third party agency on the basis of IEC61508 Functional Safety standards to obtain SIL certification.

Note: Metrix is continuously improving our products. Please refer to our website to download the latest version of this datasheet.