

OVERVIEW

The Dual Thrust Probe Holder System works with reverse mount 8mm proximity probes. The system mounts on the machine surface for easy installation.

The Metrix adjustable 5497DTPH-CCC-D-E-F (Dual Thrust Probe Holder), comes with two 5497PM Probe Holders within an aluminum or 316 Stainless Steel Housing. The Probe Holders (5497PM-2-0-CCC-D-0-F) mount directly to the machine using 3/4" NPT male threads spaced 2.0" (50mm) on center. The dual Probe Holders fit within the Housing and allow for up to 2.0" (50mm) of axial adjustment. The mounting holes for the Housing have 3/8" (10mm) slots that can accommodate a 4.25" to 4.75" (108mm to 120mm) on center, square bolt pattern (4 bolts, see associated drawing). The selection of the 5497DPH-CCC-D-E-F includes selecting the appropriate installation length (standard CCC lengths are 090mm (3.5"), 140mm (5.5"), 190mm (7.5") and 240mm (9.5") with 50mm (2.0") of negative adjustment, if other lengths are needed contact factory) and the appropriate reverse probe mount thread size (standard D sizes are 3/8"x24 and M10x1 threads) for the included two 5497PM-1-0-CCC-D-0-F reverse mount probe holders. Ordering is easy, just select the appropriate installation length and thread size options. The probe holders can also be ordered with the reverse mount probes, see option E.



Plexiglass for Display Only

FEATURES AND BENEFITS

- Easy mounting, dismounting and remounting
- Once-and-for-all probe gap adjustment using a plane machined surface
- Reliably oil tight
- Generously dimensioned inside the Housing for winding up the cable excess length
- Cable outlet of the housing can be fixed in any sideways direction
- Cables or conduits can be fixed with standard glands or fittings
- Rugged screw on cap protect the probes of probe holders dismantled for maintenance



HAZARDOUS AREA RATINGS

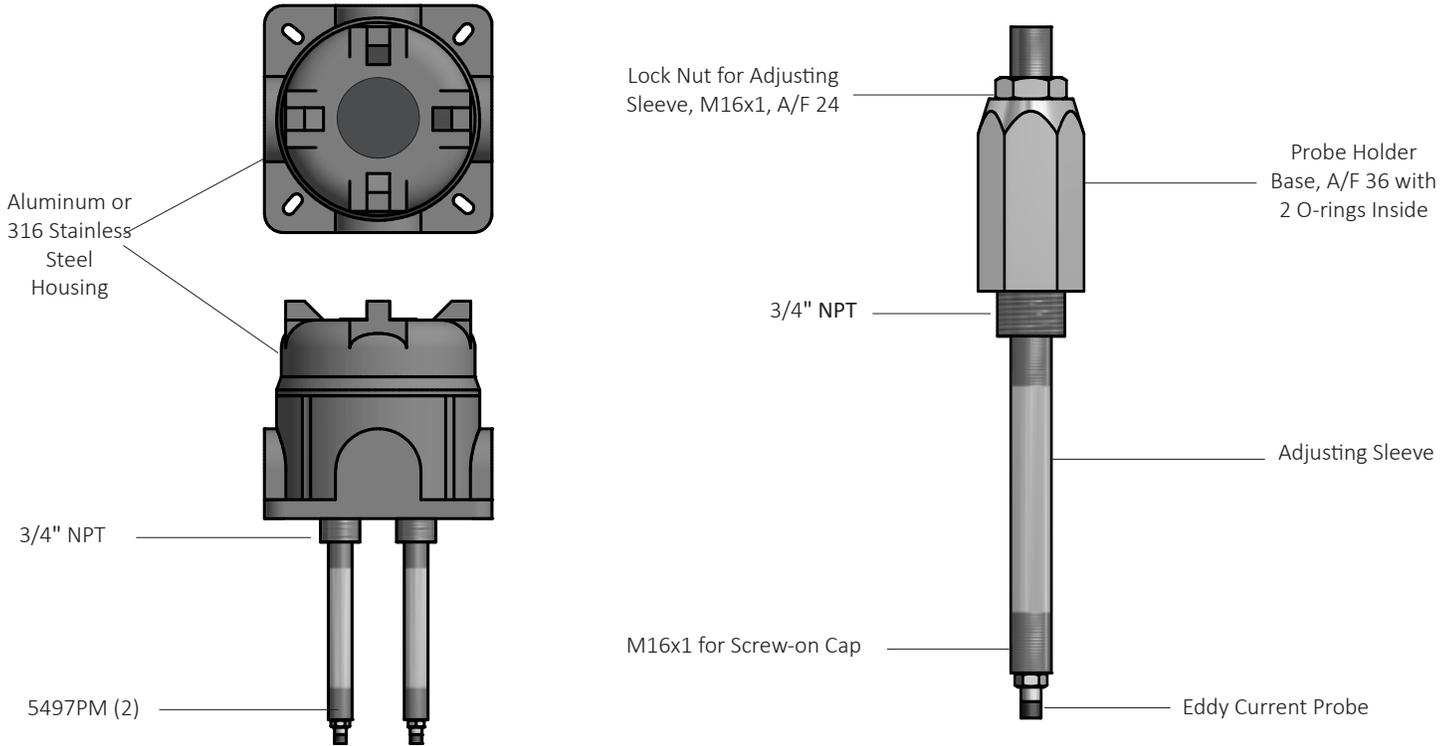
Class I Div I or Class I Div II

II 1G Ex ia IIC T4 Ga or II 3G Ex nA IIC T4 Gc

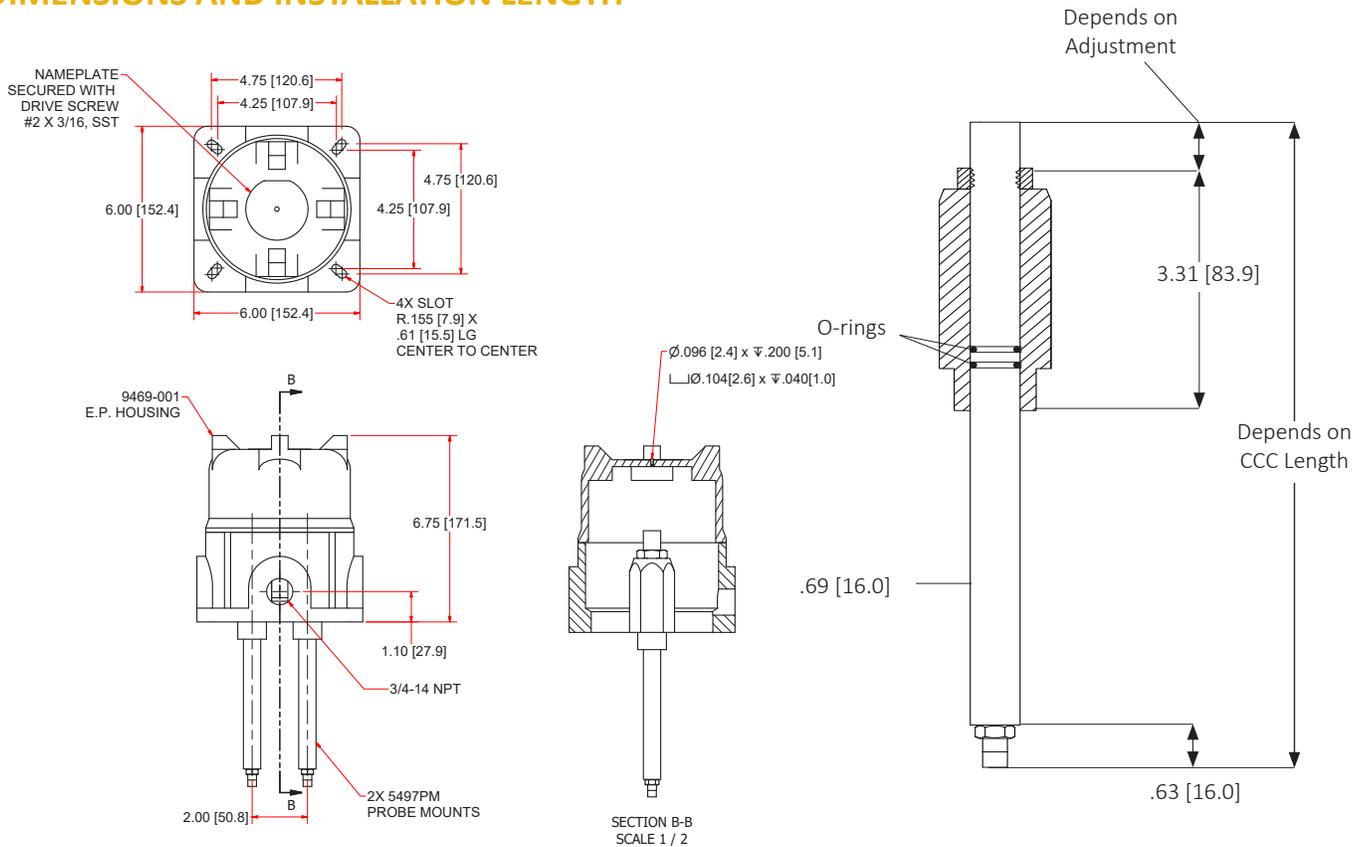
When Used With MX8030/MX2030, MX8031/MX2031 Per Drawing #1086567 or other appropriately approved product.

“Warning” keep cover tight to prevent ignition of hazardous atmosphere, disconnect circuits before removing cover, seals are required within 6" (152mm) of enclosure on all conduits if used in a hazardous area.

PART DESCRIPTION



DIMENSIONS AND INSTALLATION LENGTH



HOW TO ORDER

The Metrix 5497DTPH Dual Thrust Probe Holder includes two 5497PM Probe Holder bases, with associated Adjusting Sleeves (304ss, diameter = 16 mm (0.62")) using M16x1 mm adjusting threads, 2 lock nuts, and a Housing. Axial sealing is provided by two O-rings on the probe sleeve, and radial sealing by the NPT Threads of the Probe Holder base. Mounting surface should be machined flat.

Please specify the requirement for the required Installation Length (CCC), and the probe thread (D).

5497DTPH - **C C C** - **D** - **E** - **F**

CCC	Installation Length (Note "B" Reference Face Adapter)
090	40mm-90mm (1.5"-3.5"), Standard
140	90mm-140mm (3.5"-5.5"), Standard
190	140mm-190mm (5.5"-7.5"), Standard
240	190mm-240mm (7.5"-9.5"), Standard
XXX	Contact factory for price and delivery of non-standard lengths. (>240mm (9.5"))
<p>Note: CCC = Installation Length in mm (e.g. for 90mm: CCC=090; for 140mm: CCC=140. Minimum: 40mm (1.57"). The adjustable length is 50mm (2"+/-0.2") of the CCC length.</p> <p>Other sleeve lengths available upon special request. The maximum installation length without intermediate support is 240mm (9.5").</p>	

D	Reverse Mount Probe Thread
1	M10 x 1mm
2	3/8" – 24 UNF
E	Reverse Mount Probe
	Blank
1	Matching MX8030 Reverse Mount Probe (Option D) Included (M10 x 1mm or 3/8" - 24 UNF), 8mm tip, 0.5 meter with agency approvals
F	Housing Material Type
0	Aluminum [Standard]
1	316 Stainless Steel

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

All trademarks, service marks, and/or registered trademarks used in this document belong to Metrix Instrument Company, L.P.

© 2026, Metrix Instrument Company, L.P. All rights reserved.