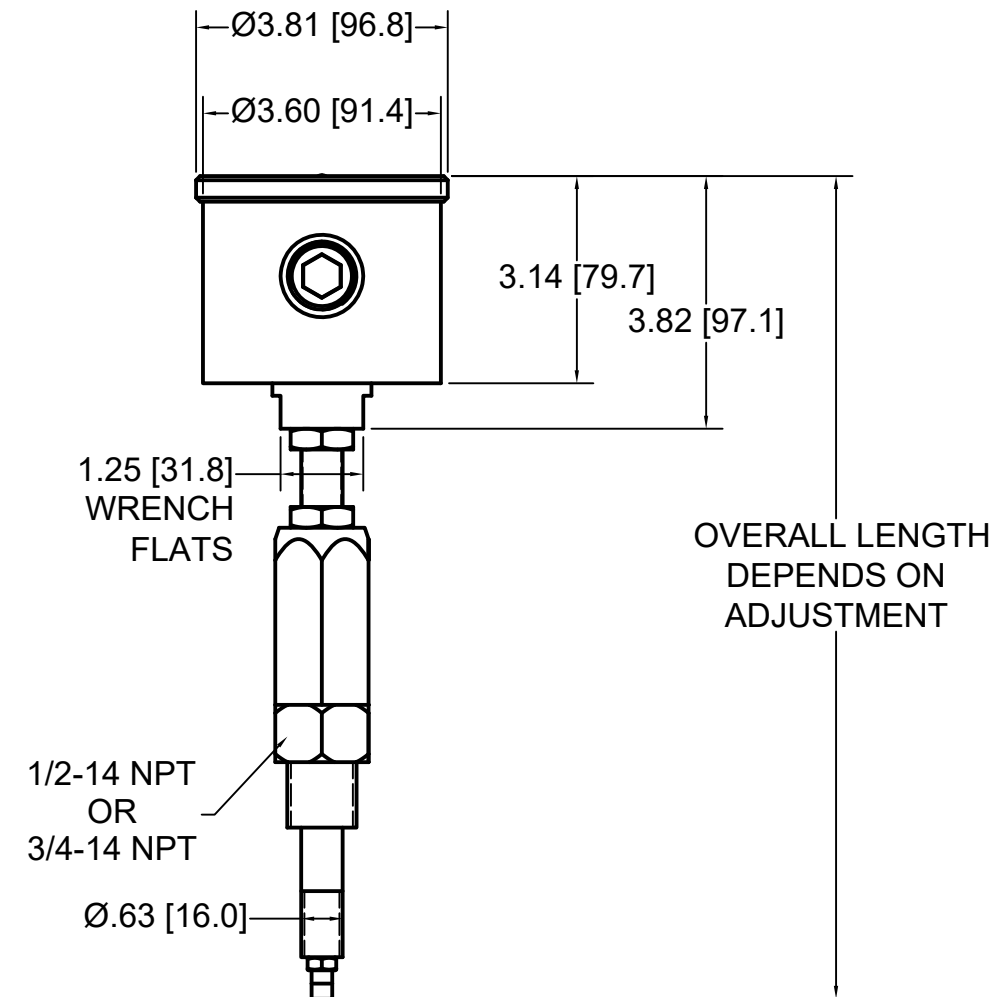
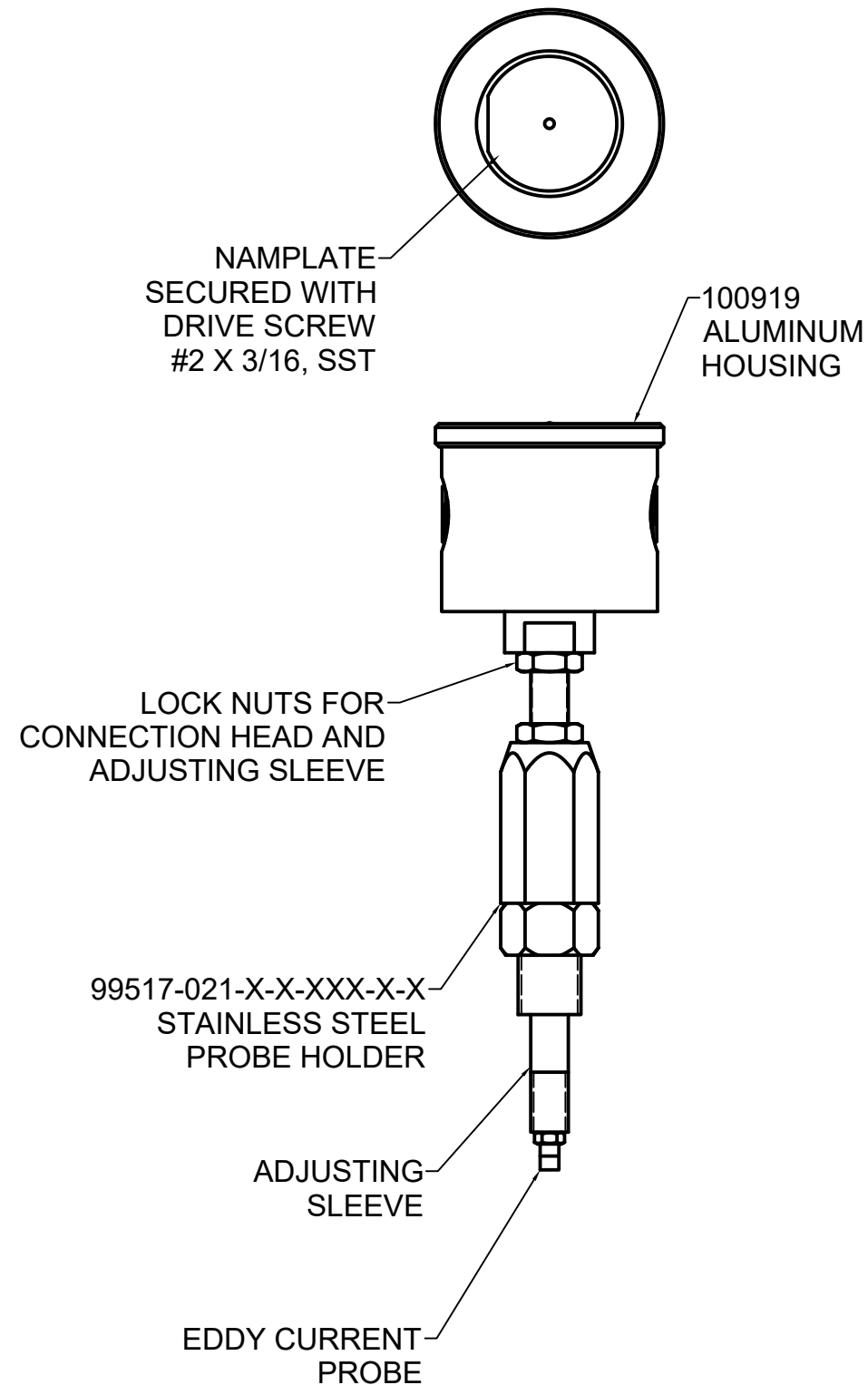
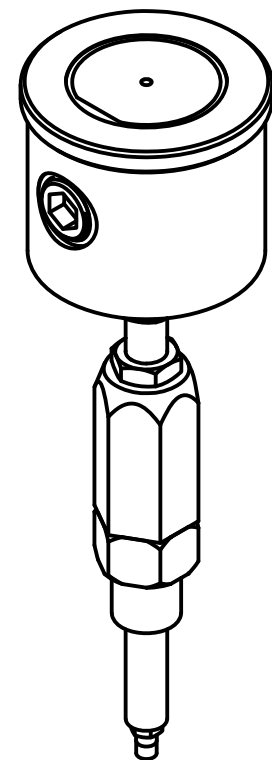


REV		OR/CHANGE	REVISIONS
A		RELEASE	



NOTES: (UNLESS SPECIFIED OTHERWISE)

1. MATERIAL:

100919 - HOUSING, ALUMINUM
101022 - HOUSING, STAINLESS STEEL
99517-021 - PROBE HOLDER, STAINLESS STEEL

2. FINISH:

DEPENDING UPON MATERIAL TYPE, FINISHES MAY BE MACHINED, ANODIZED, OR COATED WITH CHEMICAL RESISTANT MATERIAL, SUCH AS FLUOROLON OR SIMILAR

MATERIAL:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. ALL CORNERS BROKEN TO .010 MIN RADIUS AND TOLERANCES ARE:		APPROVALS		DATE	
FINISH:				DRAWN BY:		07/10/26	
				A. Wilson			
				CHECKED BY:			
				APPROVED BY:			
THIS DOCUMENT AND ALL INFORMATION HEREON IS THE PROPERTY OF METRIX INSTRUMENT CO. APPROVAL MUST BE OBTAINED BEFORE IT IS REPRODUCED OR INFORMATION HEREON IS ISSUED TO A THIRD PARTY. THIS DOCUMENT MUST BE RETURNED UPON REQUEST.		FRACTIONS: DECIMALS: ±1/64 .XX ±.01 .XXX ±.005 ANGLES: ±1° SURFACE FINISH 64					
				5497pm			
				NEXT ASSY		USED ON	
				APPLICATION		DO NOT SCALE DRAWING	
						SCALE: 1:1	
						SHEET: 1 of 2	

METRIX				HOUSTON, TEXAS USA	
OUTINE & DIMENSIONS, 5497PM					
SIZE B	DRAWING NO. 2032311				REV. A

5497PM - A - B - CCC - D - E - F

 ALL MATERIALS AND COMPONENTS
MUST BE RoHS COMPLIANT

A Mounting Stud of Probe Holder Base

0 - Probe Holder Only

- 1 - Probe Holder Base with G3/4" male (external thread)
M16 - 1mm female (internal) 36mm wrench size
- 2 - Probe Holder Base with 3/4" NPT male (external thread)
M16 - 1mm female (internal) 36mm wrench size. No O-ring on the bottom of the base.

B Reference Face Adapter

- 0 - Not required, if a plane machined surface on the bearing housing is available as reference face for installation of the Probe Holder Base.
- 1 - 3/4" - 14 NPT male for casing, G3/4" female for Mounting Stud of Probe Holder Base
- 2 - 1/2" - 14 NPT male for casing
- Note: Using the Reference Face Adapter increases insertion depth by ~27mm (~ 1.06"), include this depth in the Installation Length (CCC).

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
- 290 - 240mm-290mm (9.5"-11.5") Standard
- XXX - Contact factory for price and delivery of non-standard lengths. (>240mm (9.5"))
- 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.
- Other sleeve lengths available upon special request. The maximum installation length without intermediate support is 240mm (9.5").
- Note:** If using B1, the Installation Length is 27mm (1.06") above the casing to shaft surface distance.

D Reverse Mount Probe Thread

- 1 - M10 x 1mm
- 2 - 3/8" - 24 UNF

E Connection Head Type

- 0 - No housing required
- 1 - Connection Head (Aluminum Housing + Screw on Cap + O-ring)
- M16 x 1mm for the Probe Adjusting Sleeve
- Two 3/4" NPT for cable conduit connectors
- Height=97mm (3.8")
Diameter=97mm (3.8")
- 2 - Connection Head* (Durable Plastic Housing and Screw Cap + O-ring) with three (3) female threads:
- M16 x 1mm for the Probe Adjusting Sleeve
- Two (2) female threads M16 x 1.5mm for cable conduit connectors
- Height=78mm (3.1")
Diameter=97mm (3.8") 3 Same as "1" but with internal ground screw
- 3 - Same as "1" but with internal ground screw
- 4 - Same as "1" except Housing and Screw on Cap are stainless steel with internal ground screw

F Reverse Mount Probe

Blank = None

- 1 - Matching MX8030 Reverse Mount Probe (Option D) included (M10x1mm or 3/8-24 UNF), 8mm tip, 0.5 meter w/agency approvals