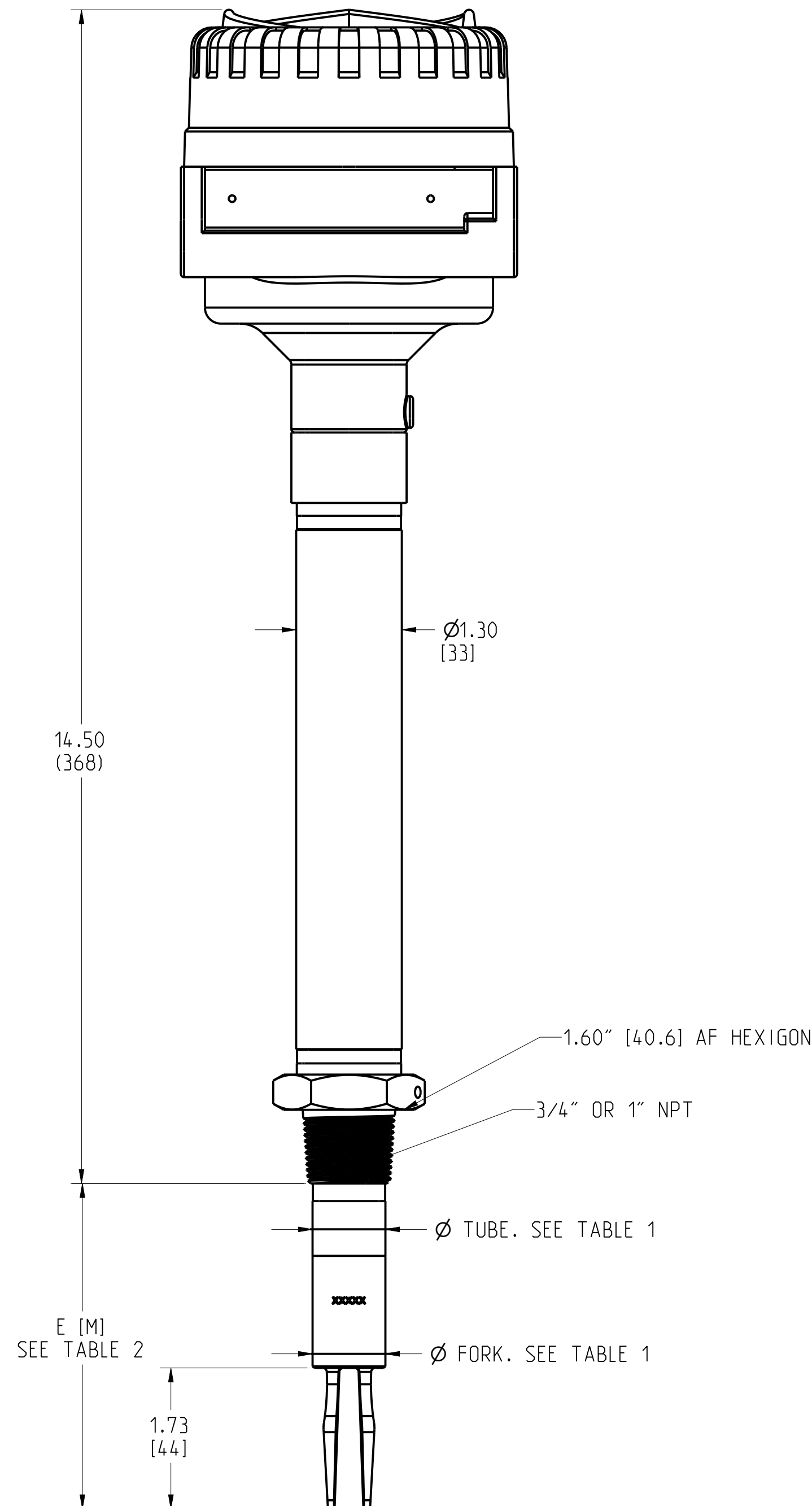


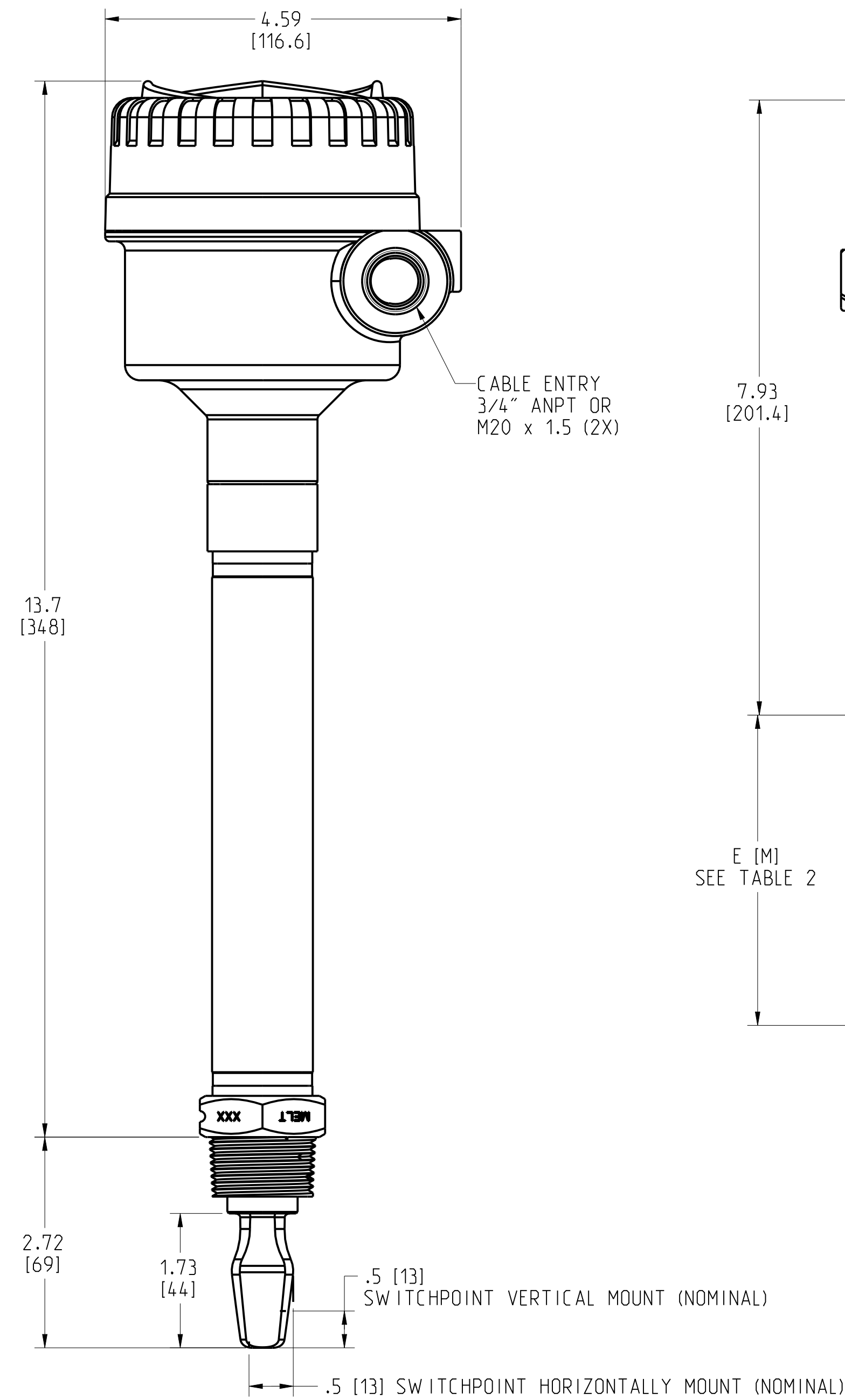
# ROSEMOUNT 2130 VIBRATING FORK LIQUID LEVEL SWITCH (THREADED)

REVISION TABLE			
REVISION	ECO NO.	APP'D	DATE
AD	RTC1080315	O. ISAKSSON	2/10/23
DESCRIPTION			
UPDATE TABLE DIMENSIONS.			

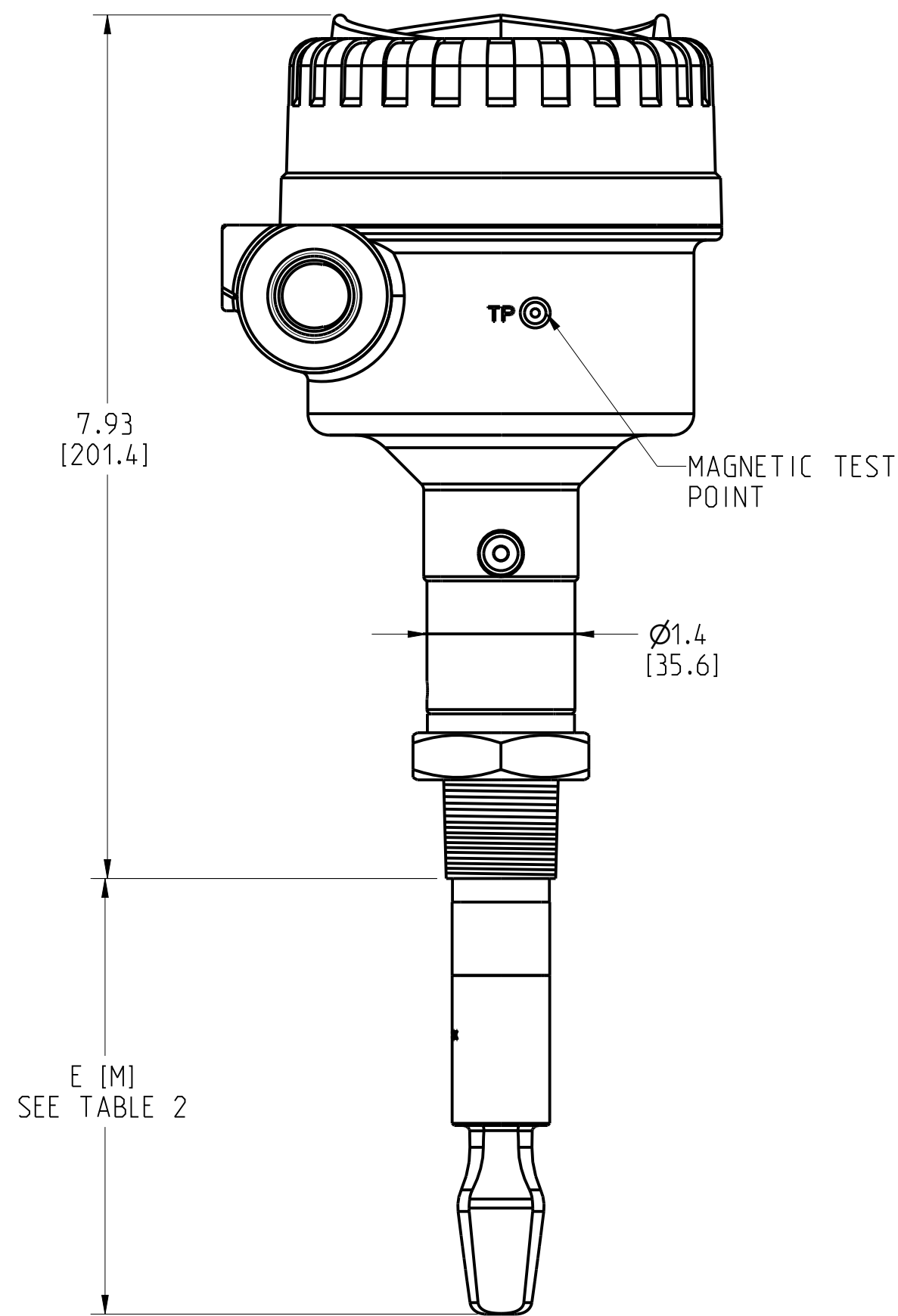
**HIGH TEMP. EXTENDED LENGTH (NPT)  
(ALUMINUM OR SST HOUSING)**



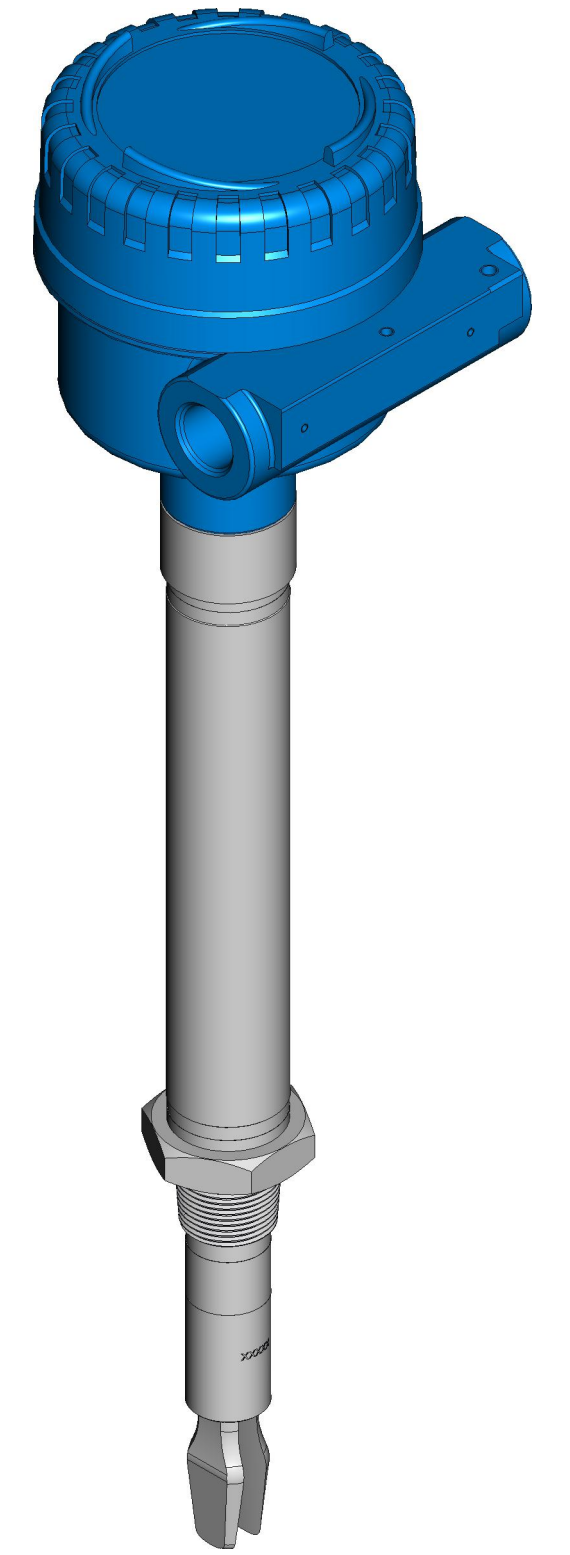
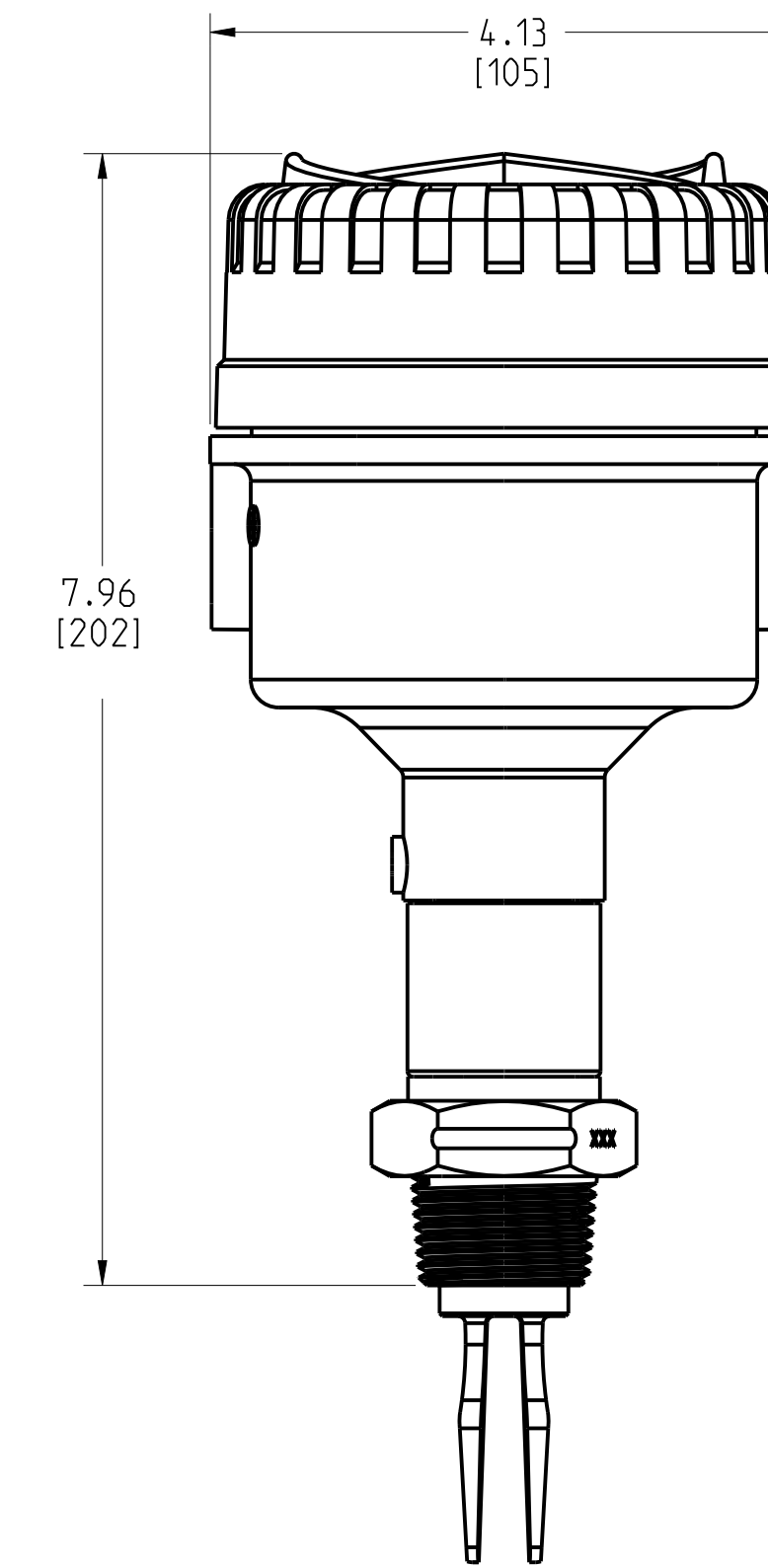
**HIGH TEMP. WITH STANDARD LENGTH (NPT)**



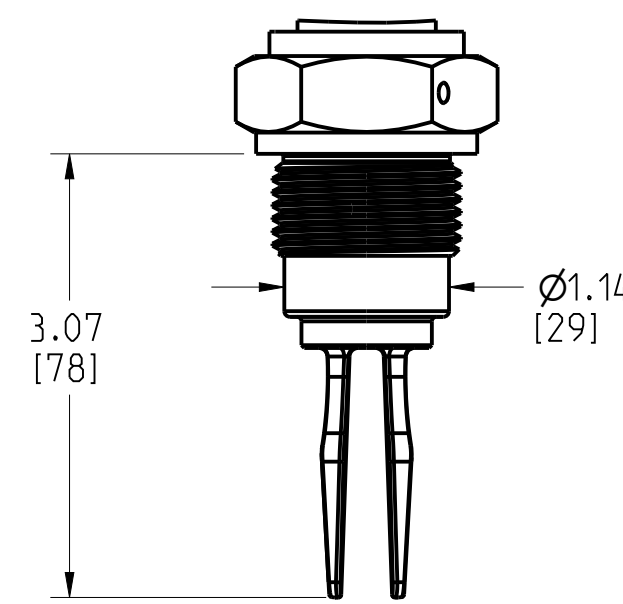
**MID-RANGE TEMP. WITH EXTENDED LENGTH (NPT)  
(ALUMINUM OR SST HOUSING)**



**MID-RANGE TEMP. WITH STANDARD LENGTH (NPT)**

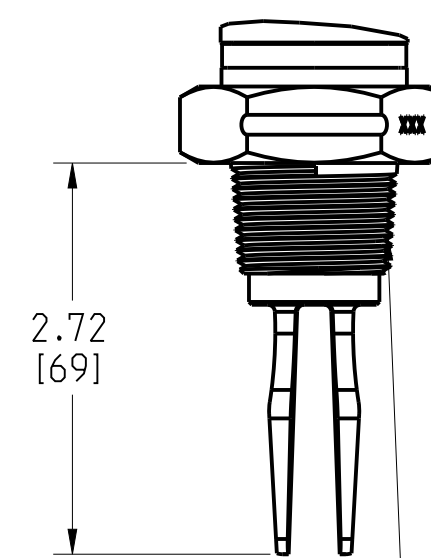


1" BSPP O-RING ONLY

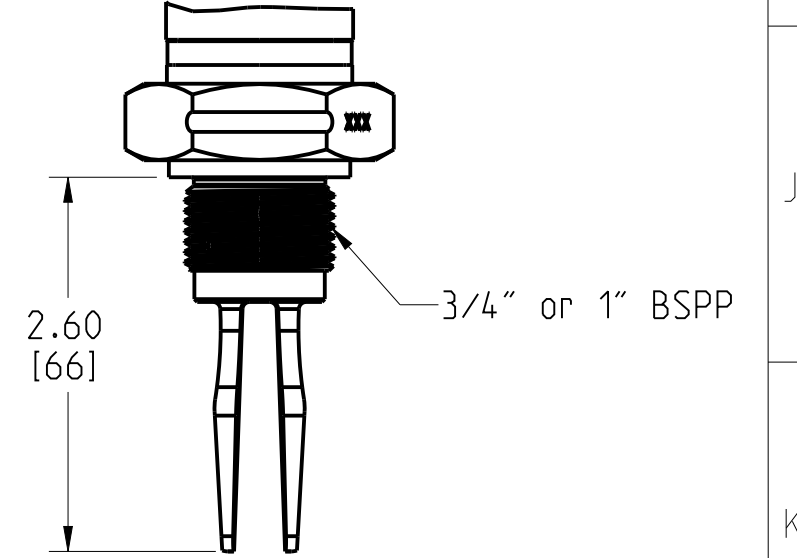


1" BSPP ONLY  
BSPP O-RING FORK

BSPT THREAD



BSPP THREAD



AVAILABLE AS EXTENDED FORK.  
VIEWS SHOW ONLY STANDARD LENGTH

THREAD	STANDARD LENGTH	MIN LENGTH E	MAX LENGTH E
3/4"	1.73 [44]	3.75 [94]	157.5 [4000]
1"	1.73 [44]	3.75 [94]	157.5 [4000]
O-RING SEAL (1" BSPP)	1.73 [44]	—	—

EXTENDED FORK LENGTH AVAILABLE FOR NPT/BSPT/BSPP

THREAD SIZE	TUBE MATERIAL	EXT TUBE MAX O/D	FORK TUBE MAX O/D	NOTE
3/4"	316/316L	.9 [22.8]	.9 [22.75]	1.
1" & 2"	316/316L	1.13 [28.8]	1.11 [28.1]	1.
3/4"	ALLOY C/C-276	.85 [21.6]	.9 [22.75]	1.
1"	ALLOY C/C-276	1.06 [26.9]	1.06 [26.8]	1.

<sup>1</sup>Weld between extension tube and fork tube locally add up to 0.4 [1] to largest tube dia.

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3RD ANGLE

**EMERSON**

TITLE  
**ROSEMOUNT 2130  
TYPE I DRAWING**

DR. J. ARMSTRONG	6/1/21	DRAWING NO.	02130-7001
APP'D O. ISAKSSON	6/1/21		

CAD MAINTAINED: (PRO/EI) SHEET 1 OF 3

# ROSEMOUNT 2130 VIBRATING FORK LIQUID LEVEL SWITCH (FLANGED)

HIGH TEMP. EXTENDED LENGTH FLANGE  
(ALUMINUM OR SST HOUSING)

HIGH TEMP. WITH STANDARD LENGTH FLANGE

MID-RANGE TEMP. WITH EXTENDED LENGTH FLANGE  
(ALUMINUM OR SST HOUSING)

MID-RANGE TEMP. WITH STANDARD LENGTH FLANGE

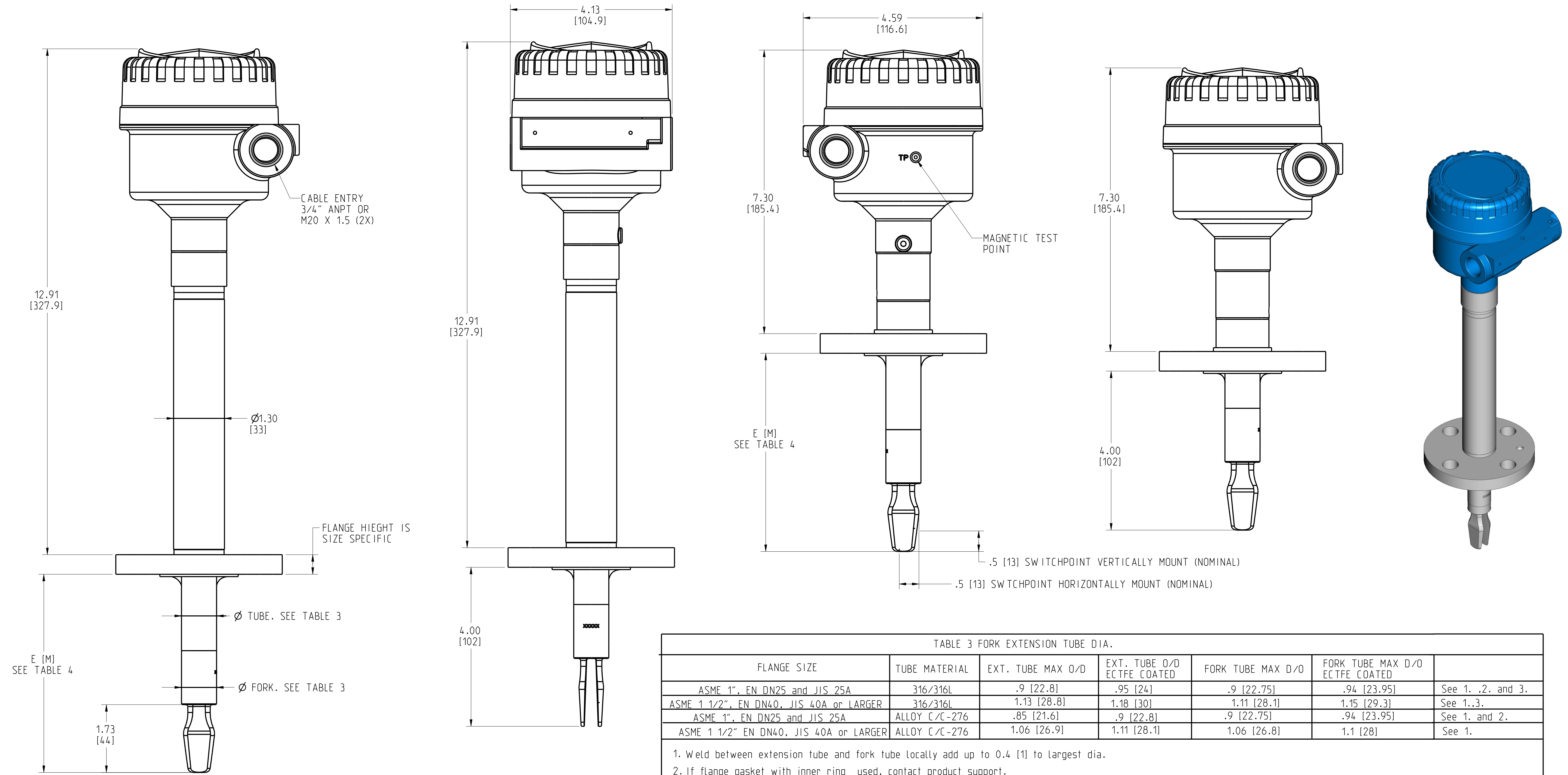


TABLE 3 FORK EXTENSION TUBE DIA.

FLANGE SIZE	TUBE MATERIAL	EXT. TUBE MAX O/D	EXT. TUBE O/D ECTFE COATED	FORK TUBE MAX D/O	FORK TUBE MAX D/O ECTFE COATED	
ASME 1", EN DN25 and JIS 25A	316/316L	.9 [22.8]	.95 [24]	.9 [22.75]	.94 [23.95]	See 1, .2, and 3.
ASME 1 1/2", EN DN40, JIS 40A or LARGER	316/316L	1.13 [28.8]	1.18 [30]	1.11 [28.1]	1.15 [29.3]	See 1..3.
ASME 1", EN DN25 and JIS 25A	ALLOY C/C-276	.85 [21.6]	.9 [22.8]	.9 [22.75]	.94 [23.95]	See 1. and 2.
ASME 1 1/2" EN DN40, JIS 40A or LARGER	ALLOY C/C-276	1.06 [26.9]	1.11 [28.1]	1.06 [26.8]	1.1 [28]	See 1.

1. Weld between extension tube and fork tube locally add up to 0.4 [1] to largest dia.
2. If flange gasket with inner ring used, contact product support.
3. The ECTFE Coating adds 1.2mm to Fork-Tube and Tube Ø. 316/316L only.

TABLE 4 FORK LENGTH

MATERIAL	STANDARD LENGTH	MIN LENGTH E	MAX LENGTH E
SS 316/316L	4.00 [102]	3.50 [89]	157.5 [4000]
ALLOY C (UNS N10002) ALLOY 276 (UNS N10276)	4.00 [102]	3.50 [89]	157.5 [4000]
ECTFE CO-POLYMER COATED	4.00 [102]	3.50 [89]	58.1 [1500]

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UNIT NOTES IN INCHES (mm).

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EMERSON

TITLE  
ROSEMOUNT 2130  
TYPE I DRAWING

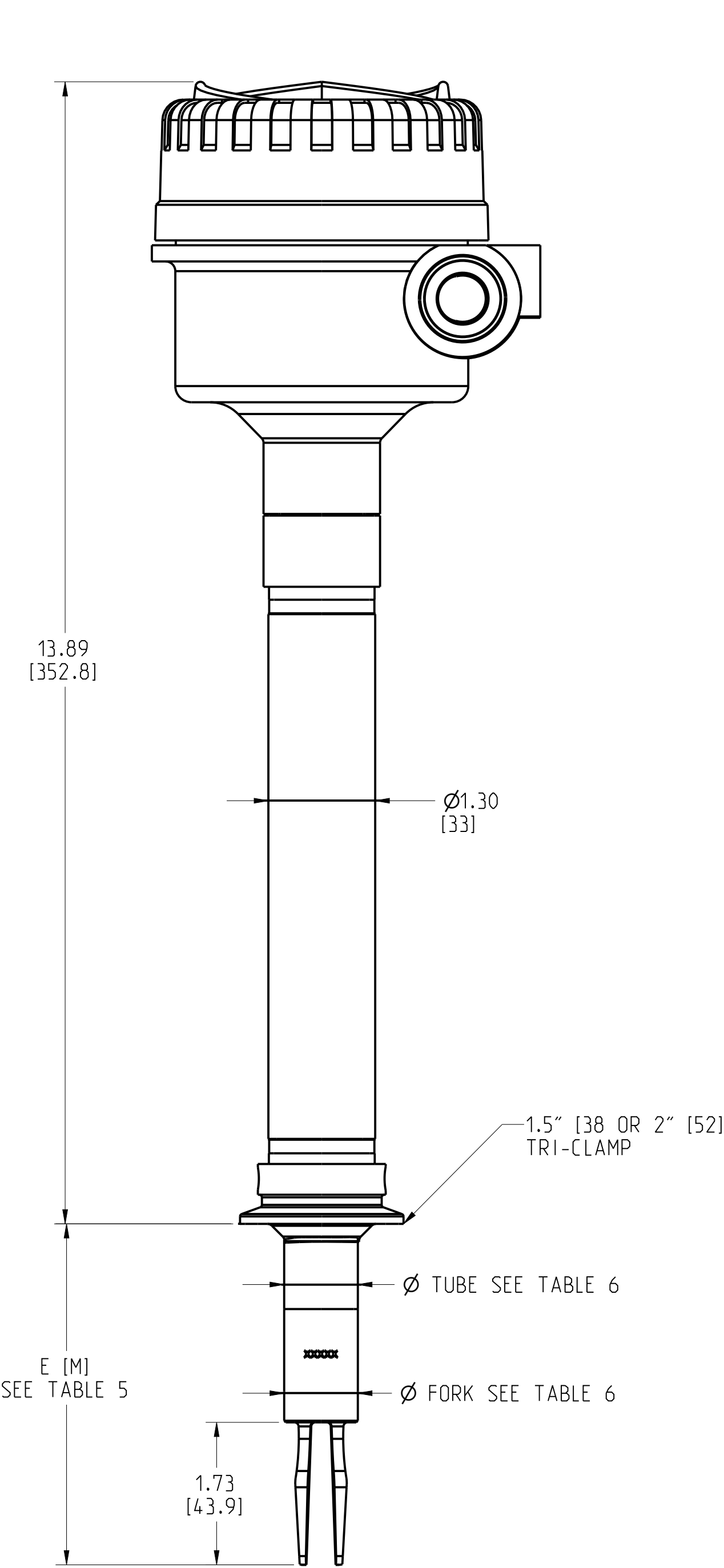
DR. J. ARMSTRONG 6/1/21 DRAWING NO.  
APP'D O. ISAKSSON 6/1/21

02130-7001

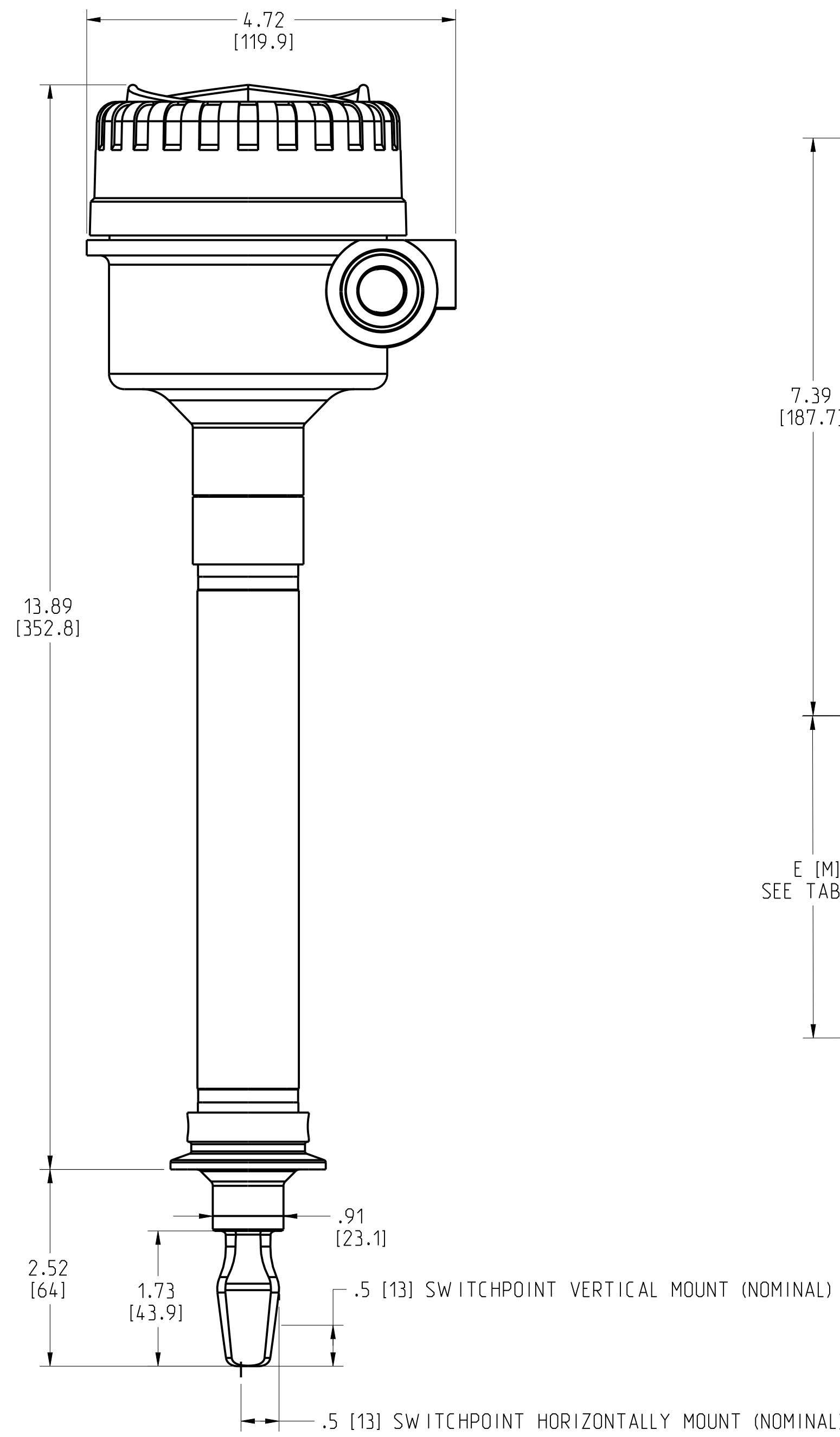
CAD MAINTAINED (PRO/E) SHEET 2 OF 3

# ROSEMOUNT 2130 VIBRATING FORK LIQUID LEVEL SWITCH (TRI-CLAMP)

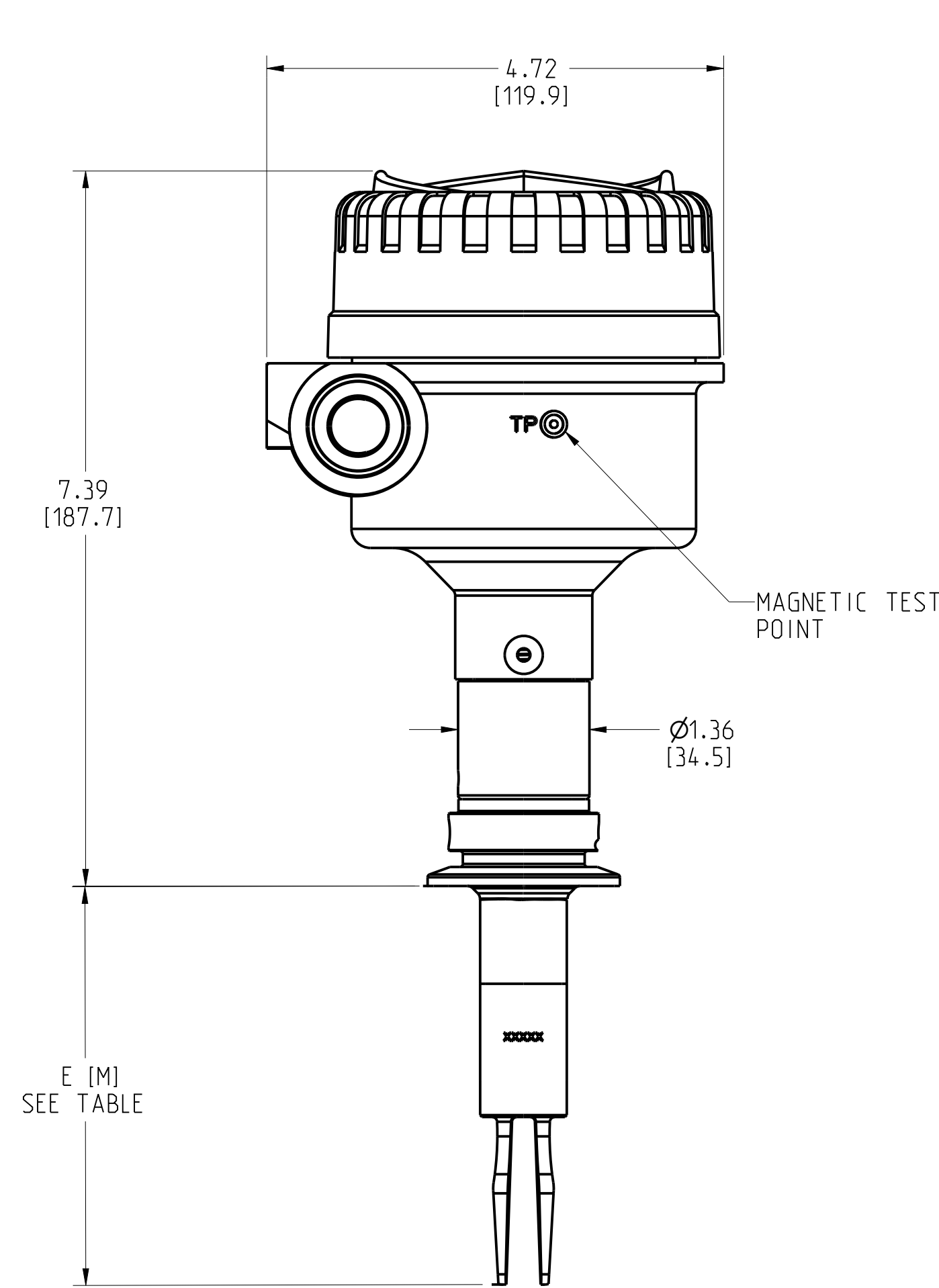
HIGH TEMP. EXTENDED LENGTH TRI-CLAMP  
(ALUMINUM OR SST HOUSING)



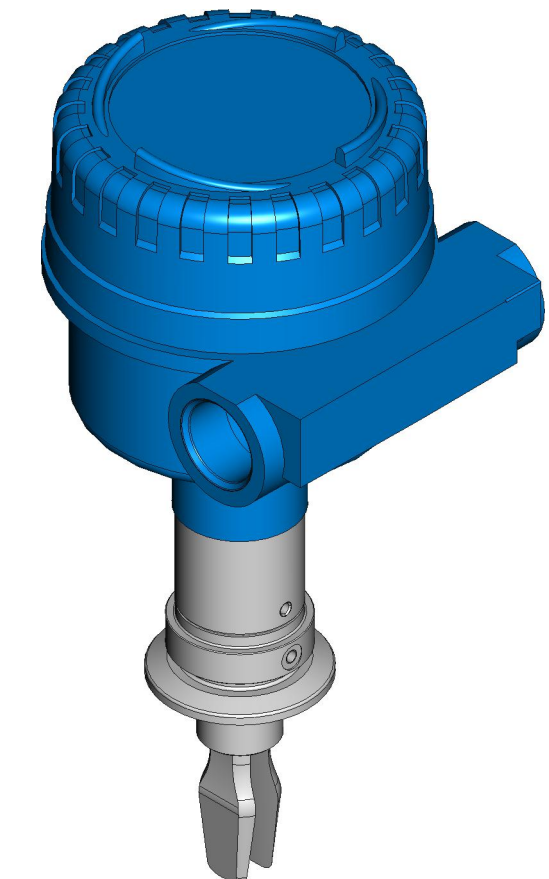
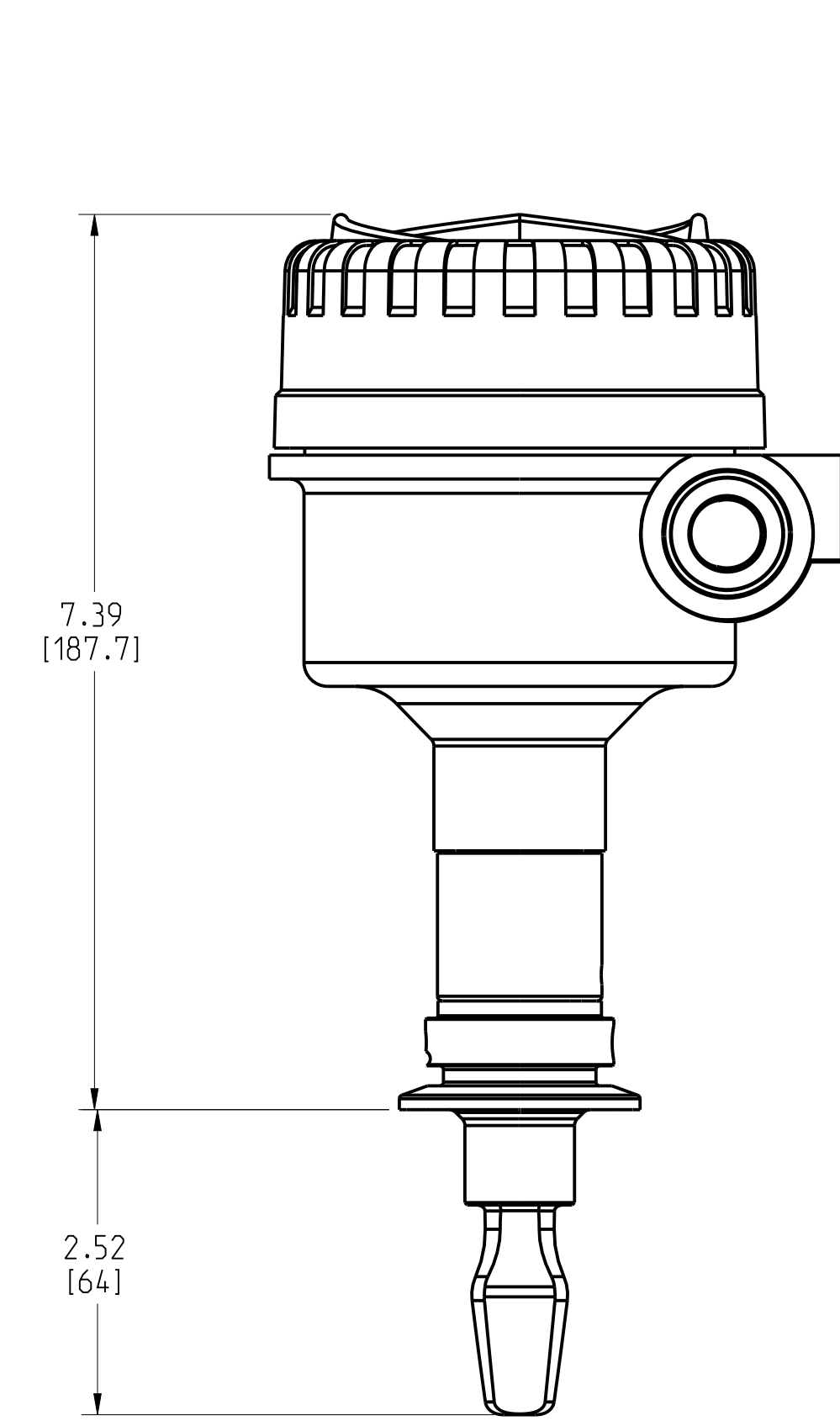
HIGH TEMP. WITH STANDARD LENGTH TRI-CLAMP



MID-RANGE TEMP. WITH EXTENDED LENGTH TRI-CLAMP  
(ALUMINUM OR SST HOUSING)



MID-RANGE TEMP. WITH STANDARD LENGTH TRI-CLAMP



CONNECTION	STANDARD LENGTH	MIN LENGTH E (M)	MAX LENGTH E	POLISHED MAX LENGTH
TRI-CLAMP	1.70 [44]	4.10 [105]	157.5 [4000]	39.3 [1000]

PROCESS CONNECTION TYPE	TUBE MATERIAL	EXT. TUBE MAX O/D	FORK TUBE MAX D/O	NOTE
Tri-Clamp, Surface Finish Codes 1 and 2	316/316L	1.13 [28.8]	1.11 [28.1]	Surface Finish Codes 1, see 1.

1. Weld between extension tube and fork tube locally add up to 0.4 [1] to largest dia.

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DR. J. ARMSTRONG 6/1/21 DRAWING NO. 02130-7001

APP'D O. ISAKSSON 6/1/21

CAD MAINTAINED (I/PRO/EI) SHEET 3 OF 3

EMERSON

TITLE ROSEMOUNT 2130 TYPE I DRAWING

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SIZE D SCALE NTS