

ROSEMOUNT 214C ADAPTER/FITTING MOUNTING STYLES AND EXTENSIONS

REVISION TABLE			
REVISION	ECO NO.	APP'D	DATE
A1	RTC1086307	N. LOYA	11/8/25
DESCRIPTION			
ADD READY CONNECT TO PAGE 1 (R8)			

COMPRESSION FITTINGS
(CA, CB, CC, CD)

ADJUSTABLE SPRING
LOADED ADAPTER (SA)

SPRING LOADED ADAPTER
WITH THERMOWELL CONTACT
INDICATION (SW)

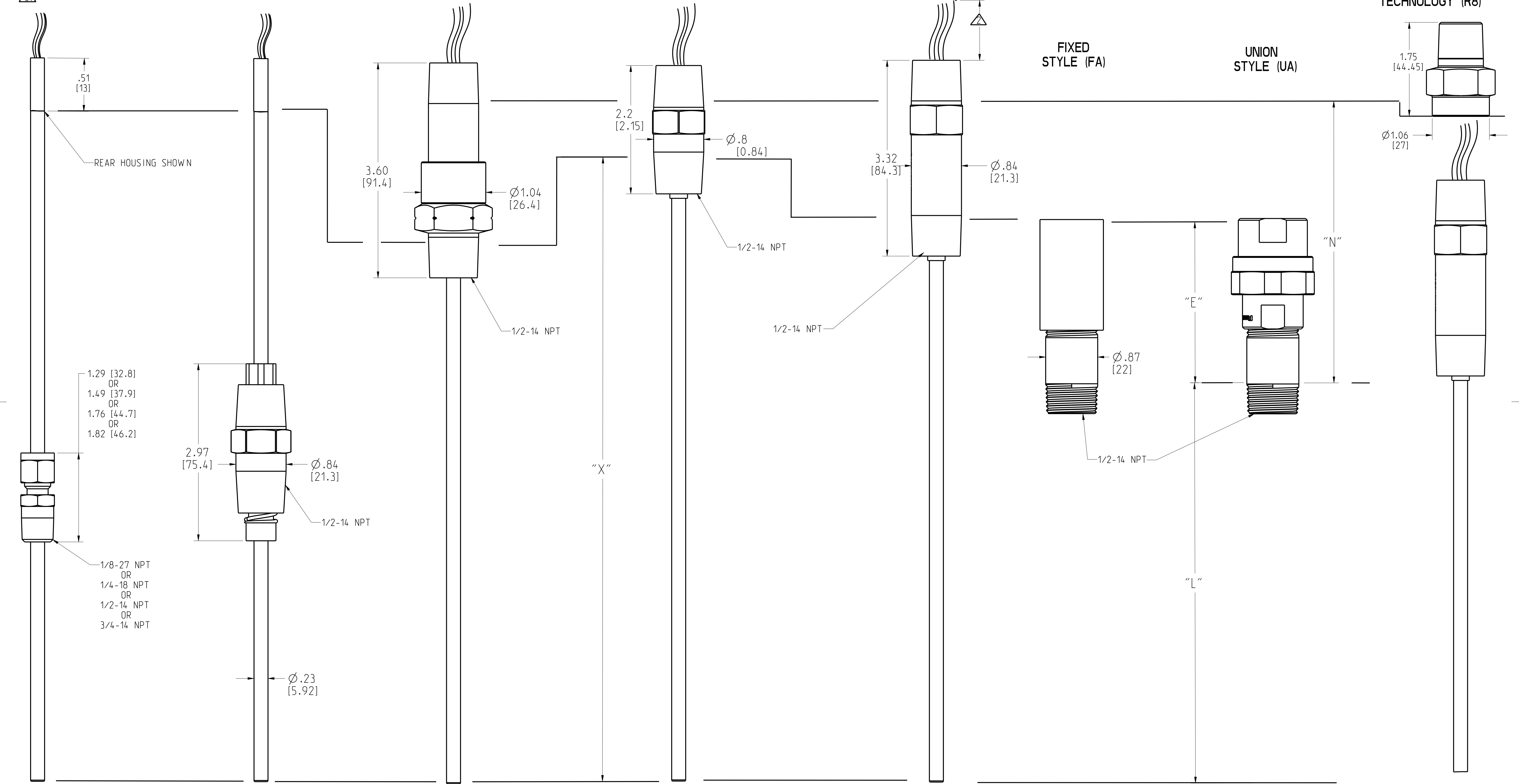
COMPACT SPRING LOADED ADAPTER
STYLE (SC) or COMPACT WELDED ADAPTER
STYLE (WC)

SPRING LOADED ADAPTER STYLE (SL)
OR WELDED ADAPTER STYLE (WA)

SENSOR WITH READYCONNECT
TECHNOLOGY (R8)

FIXED
STYLE (FA)

UNION
STYLE (UA)



3. X=L ROUNDED TO THE NEAREST 25mm INCREMENT
2. STANDARD LEAD WIRES ARE 8". LEAD WIRES LONGER THAN 8" ARE DESCRIBED ON PAGE 2
1. .75 [19] CLEARANCE REQUIRED TO REMOVE COVERS.
- NOTES:

SENSORS

EQUATIONS
WITH EXTENSION
X = E+L

WITHOUT EXTENSION
X = L
N=ADAPTER LENGTH + E

EXTENSIONS

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SPECIFICATIONS.
UNIT NOTES IN INCHES (mm).

REFERENCE ROSEMOUNT
PRODUCT SPECIFICATIONS FOR
PRODUCT SPECIFICATIONS.
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3RD ANGLE

SIZE
D

SCALE
5/4

EMERSON

TITLE
ROSEMOUNT 214C
TYPE I DRAWING

DR. J. ARMSTRONG 6/25/15 DRAWING NO.
APP'D O. GHAZI 12/02/15

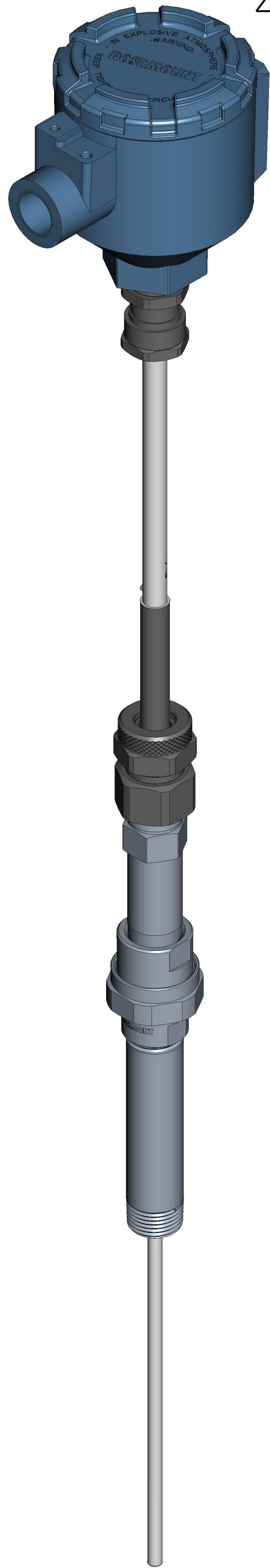
00214-7000

CAD MAINTAINED. (PRO/E)

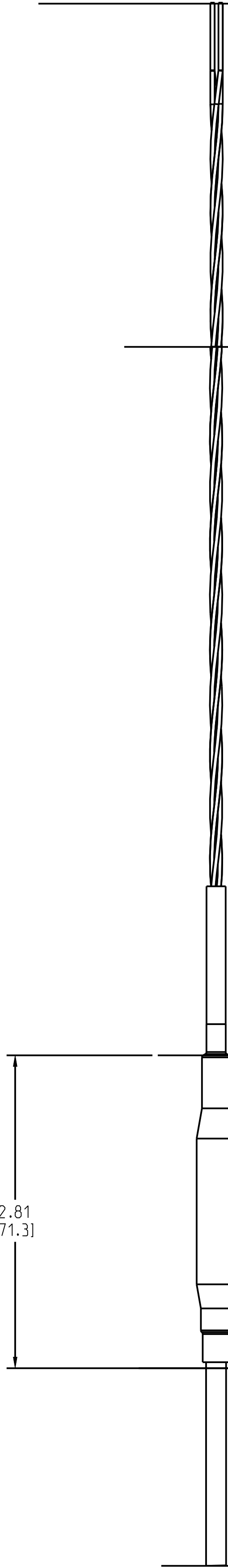
SHEET 1 OF 6

ROSEMOUNT 214C LEAD WIRE EXTENSIONS

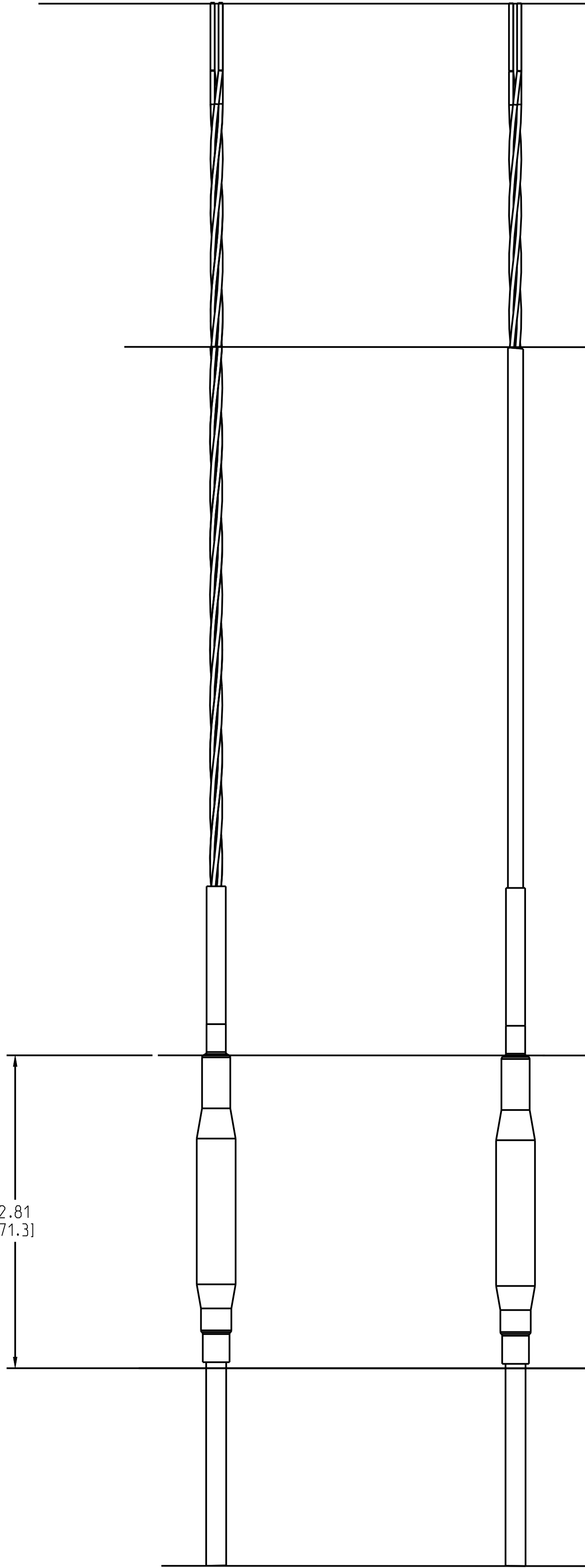
LEAD WIRE EXTENSION ASSEMBLY



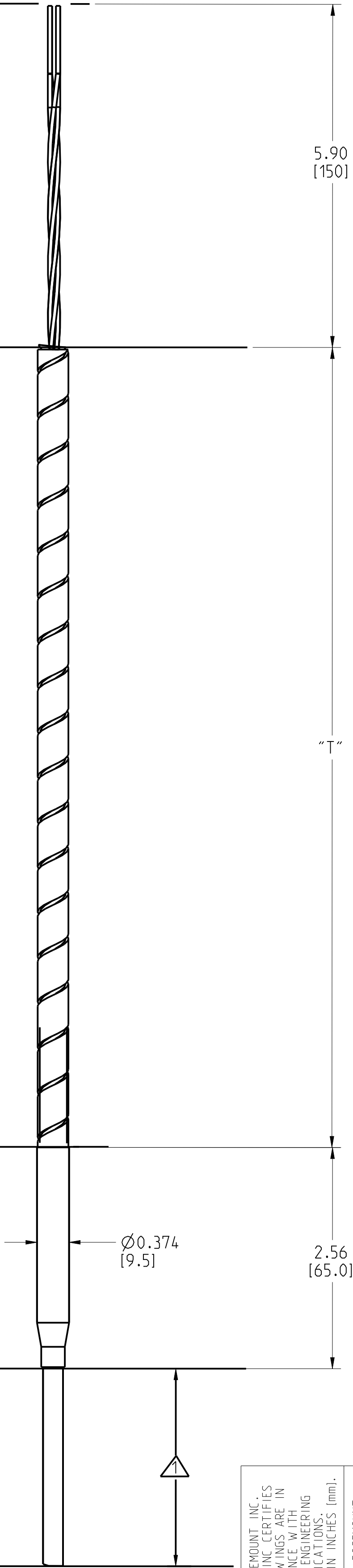
TWISTED LEAD WIRE
EXTENSION (LA)



SHIELDED, PTFE
WRAPPED CABLE LEAD
WIRE EXTENSION (LB)
W/ DRAIN WIRE (DW)



ARMORED CABLE (AN), PVC COATED
ARMORED CABLE (AC), PTFE
COATED ARMORED CABLE (AP)



- DRAIN WIRE LENGTH IS 5.9"
- LEAD WIRE EXTENSION SHOWN IS AN ASSEMBLY EXAMPLE AND ACTUAL ASSEMBLY WILL VARY BASED ON SPECIFIC CONFIGURATIONS
- SENSOR MOUNTING STYLES AND EXTENSIONS APPLY AS SHOWN ON PAGE 1

LEAD WIRE EXTENSIONS

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3RD ANGLE

SIZE D

SCALE NTS

TITLE
**ROSEMOUNT 214C
TYPE I DRAWING**

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APP'D O. GHAZI	12/02/15	00214-7000
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ROSEMOUNT 214C DIN PLATES AND EXTENSIONS

DIN STYLE FLYING LEADS (DF)

DIN STYLE TERMINAL BLOCK (DT)

CONNECTION HEAD
(AR1, AR2, SR1, SR2, AD1, SD1, AF1, AF3)

DIN STYLE EXTENSION
(PD, PE, PH, PK, PQ, TC, TD, TH, TN)

FIXED STYLE (FA)

UNION STYLE (UA)

A

X

L

E

ROSEMOUNT

A	CONNECTION HEAD OPTION
1.6 [41]	AR1, SR1, AR2, SR2, AD1, SD1
1.02 [26]	AF1, AF3

EQUATIONS
 $X=L+E+A$

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CAD MAINTAINED (PRO/ET)

SIZE D SCALE NTS

00214-7000

SHEET 3 OF 6

A	CONNECTION HEAD OPTION
1.6 [41]	AR1, SR1, AR2, SR2, AD1, SD1
1.02 [26]	AF1, AF3

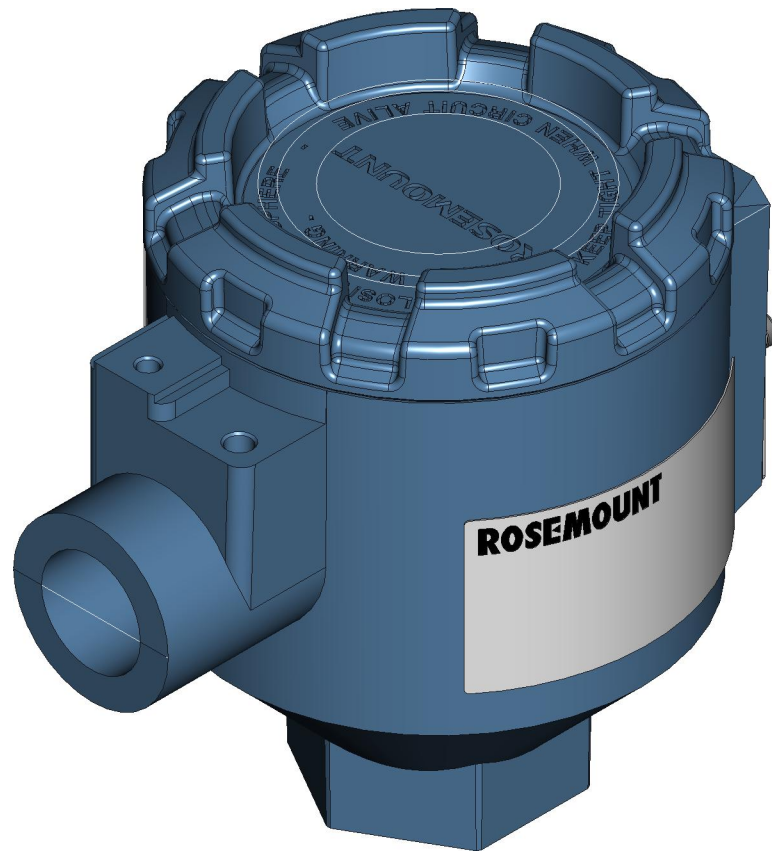
EQUATIONS
 $X=L+E+A$

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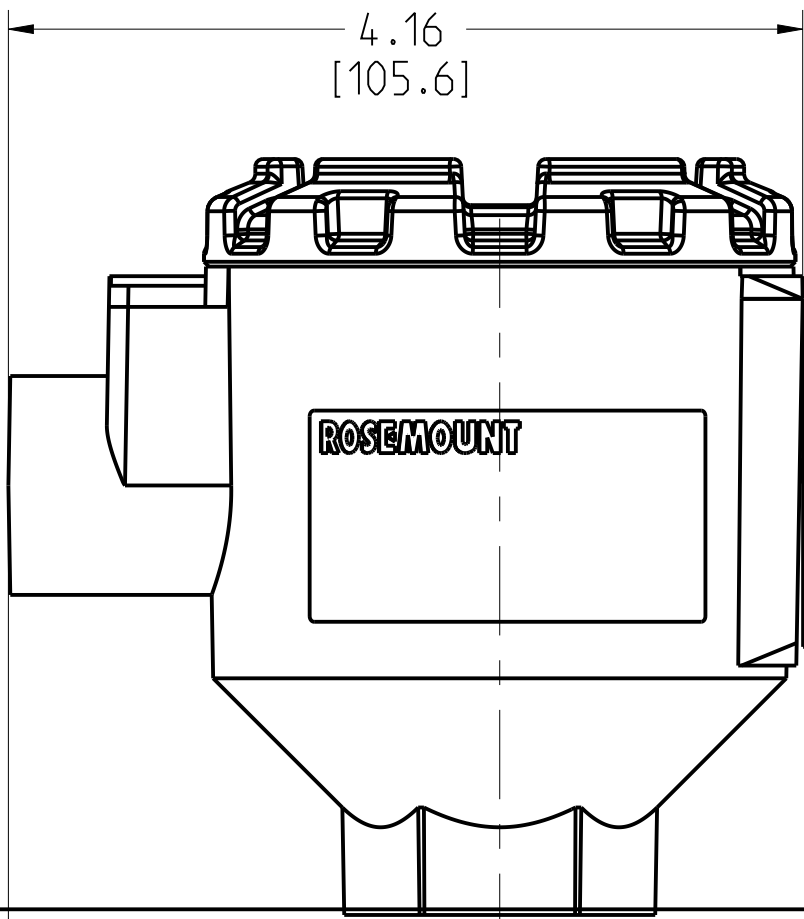
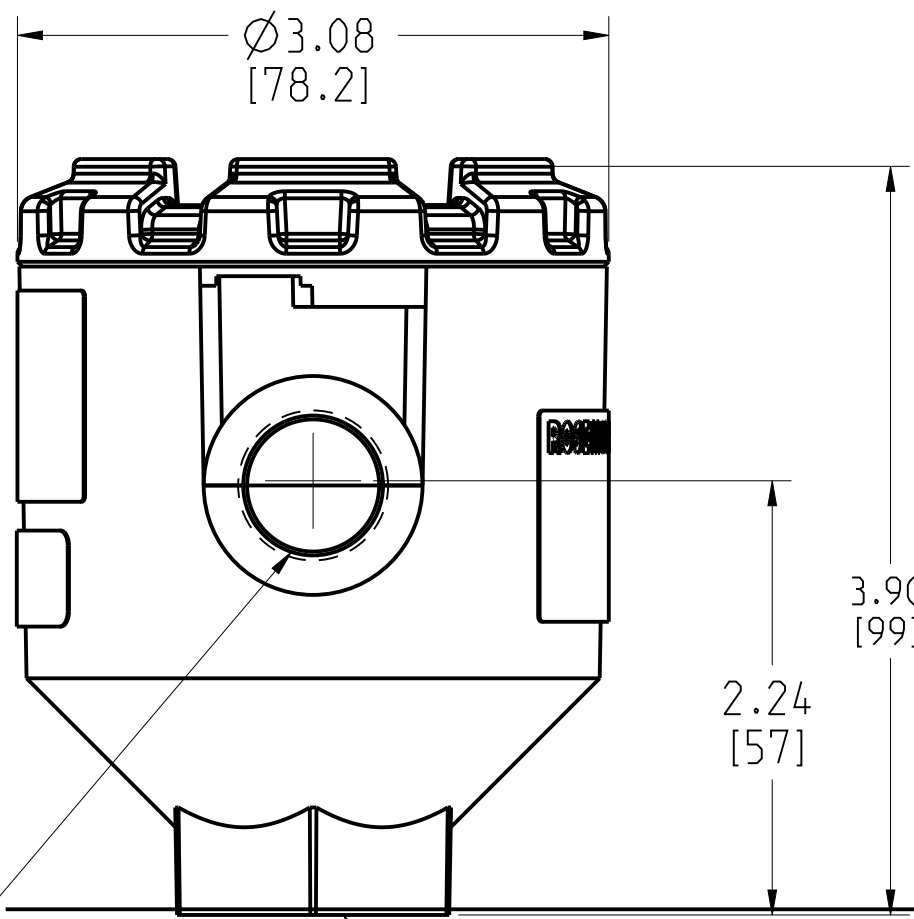
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APP'D O. GHAZI	12/02/15			
(CAD MAINTAINED. (PRO/E)		SHEET 3 OF 6		

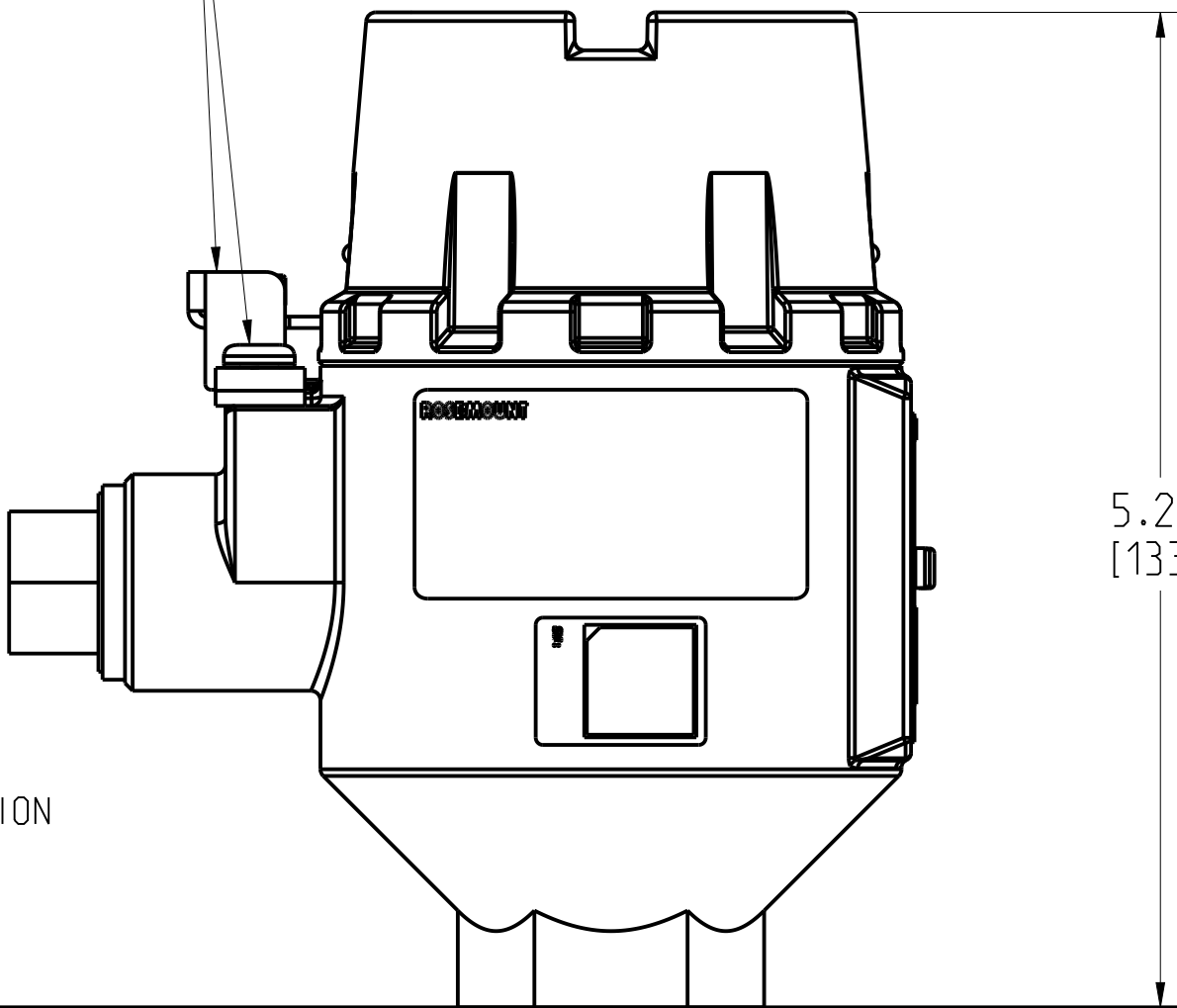
ROSEMOUNT 214C SENSOR CONNECTION HEADS



ROSEMOUNT ALUMINUM (AR1)
OR ROSEMOUNT SST (SR1)
(COVER CHAIN OPTION AVAILABLE)



ROSEMOUNT ALUMINUM WITH DISPLAY COVER (AR2)
OR SST ROSEMOUNT SST WITH DISPLAY COVER (SR2)

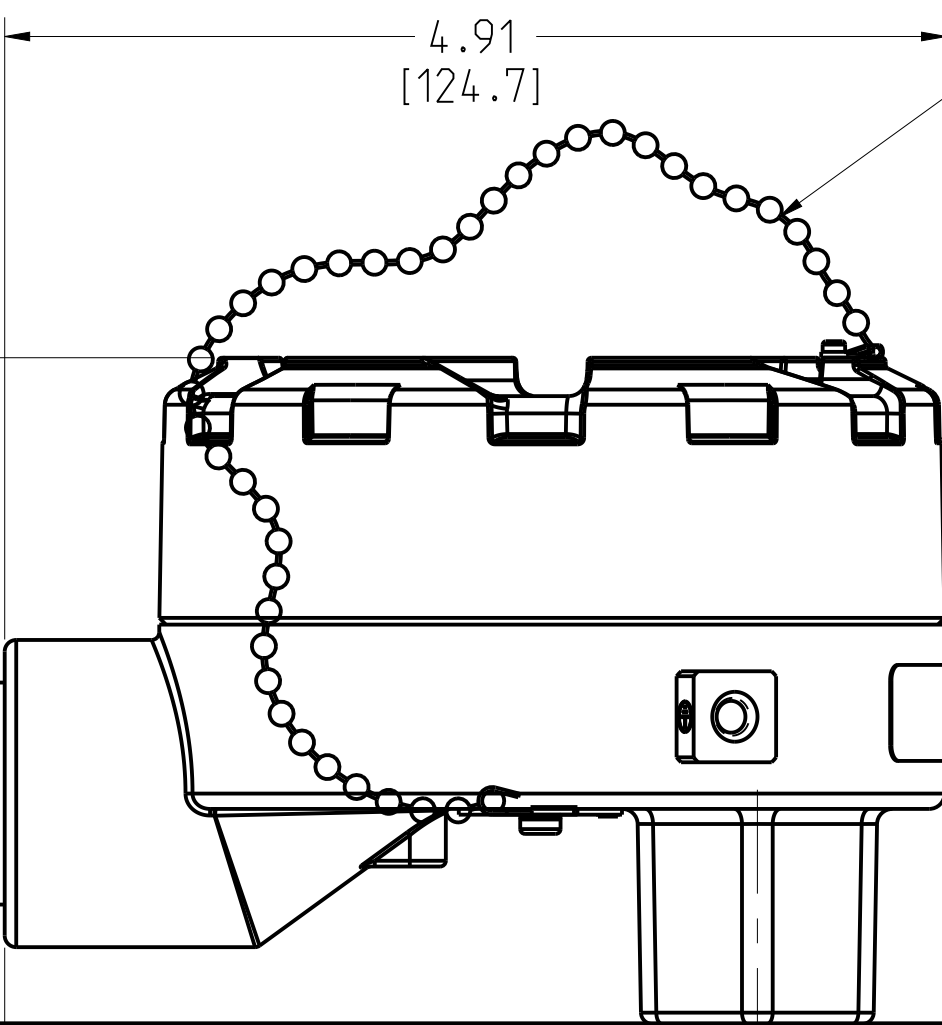
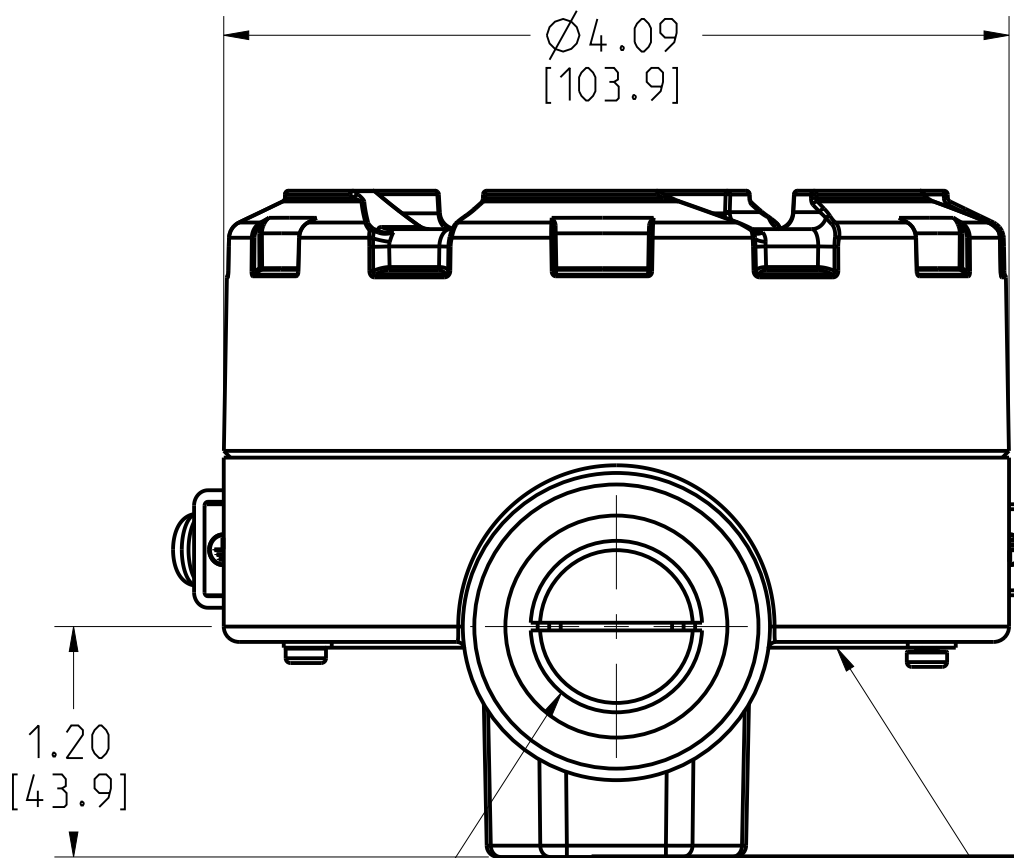


CONDUIT ENTRY CONNECTION

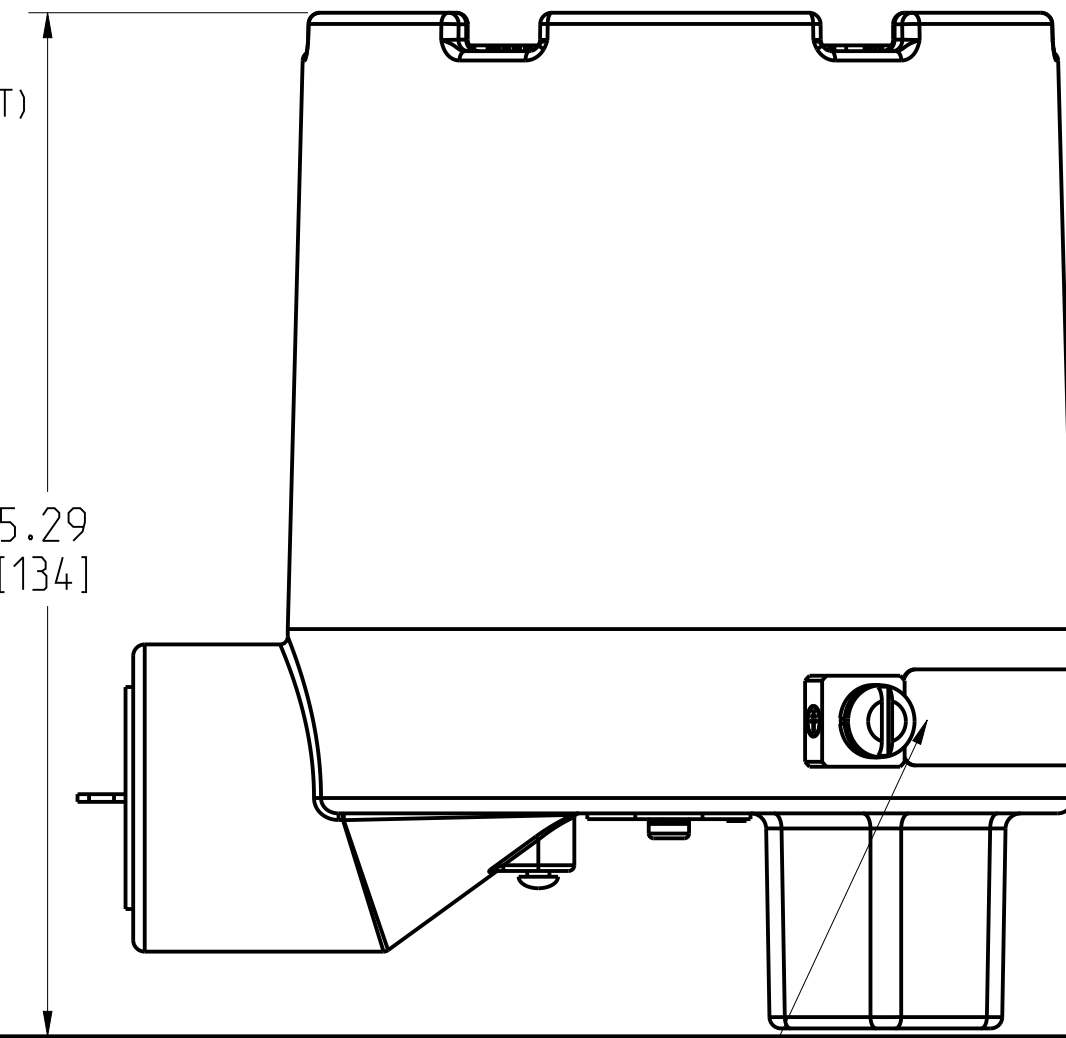
INSTRUMENT CONNECTION

CERTIFICATION LABEL

ALUMINUM CONNECTION
HEAD WITH TERMINAL STRIP (AT1)
(COVER CLAMP OPTION CODE DEPENDENT)



ALUMINUM CONNECTION HEAD WITH
TERMINAL STRIP AND EXTENDED COVER (AT3)
(COVER CHAIN OPTION AVAILABLE)

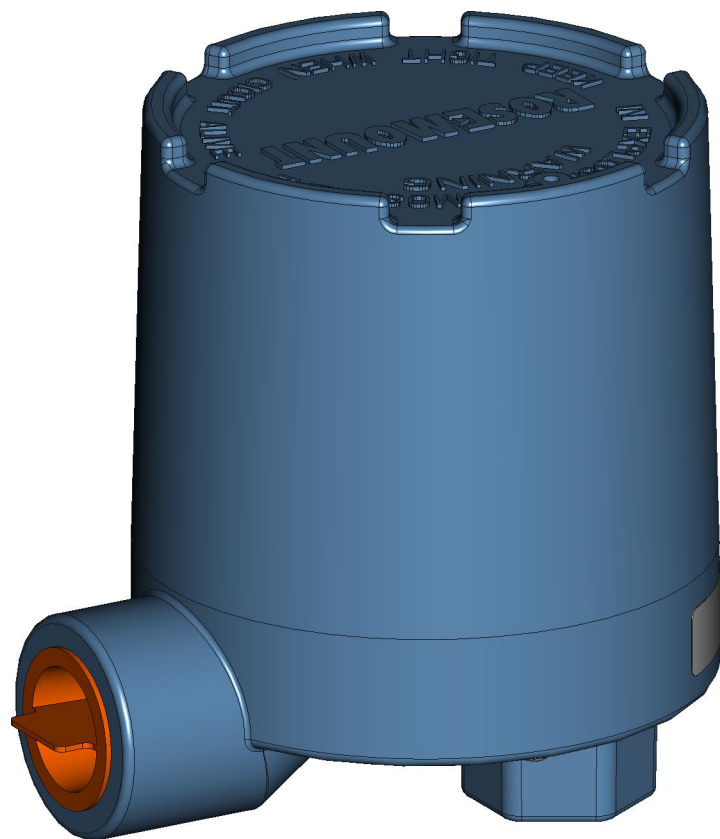


CONDUIT ENTRY
CONNECTION
3/4-14 NPT

CERTIFICATION
LABEL

INSTRUMENT CONNECTION
1/2-14 NPT

GROUND SCREW
(OPTION CODE DEPENDANT)

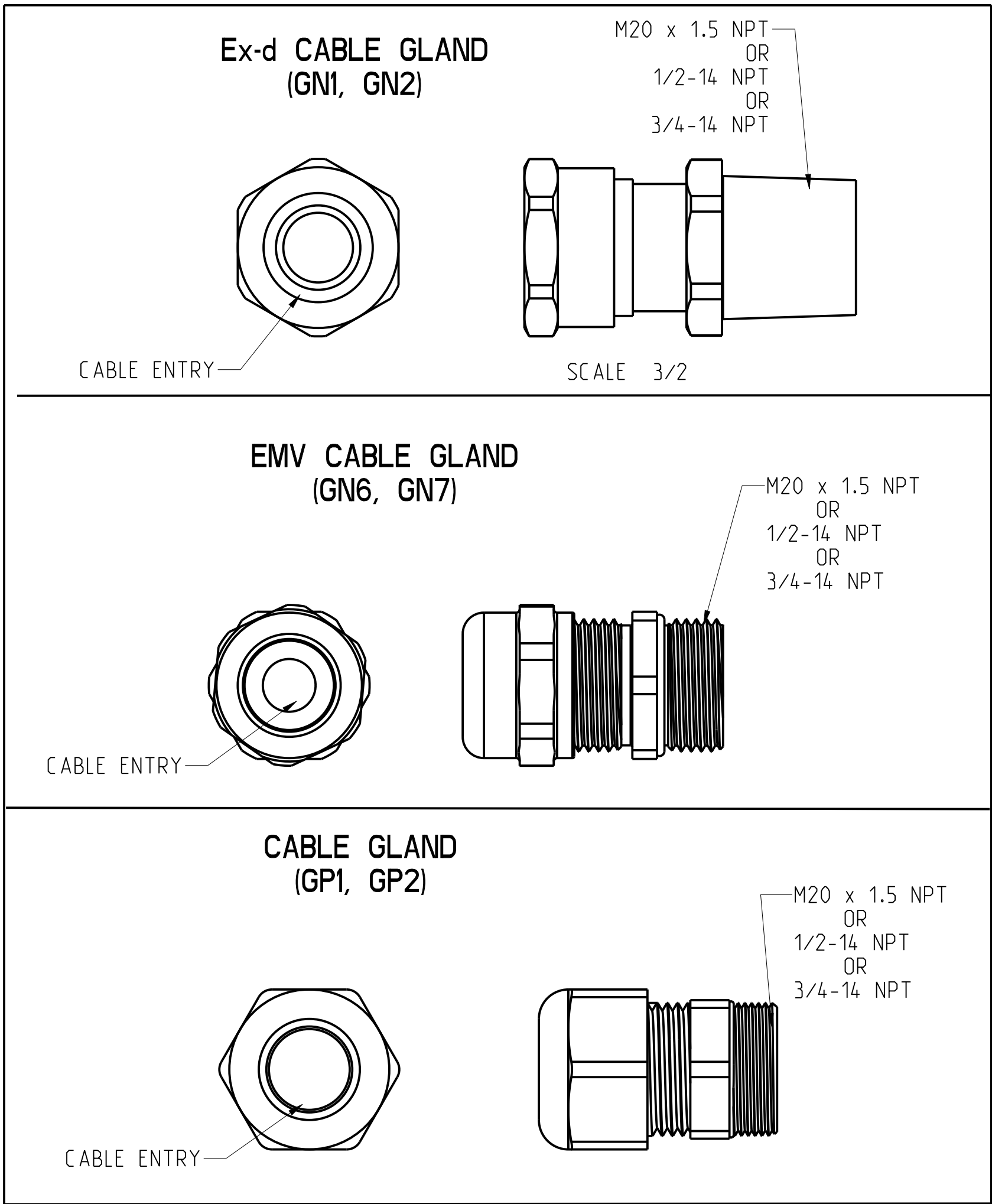
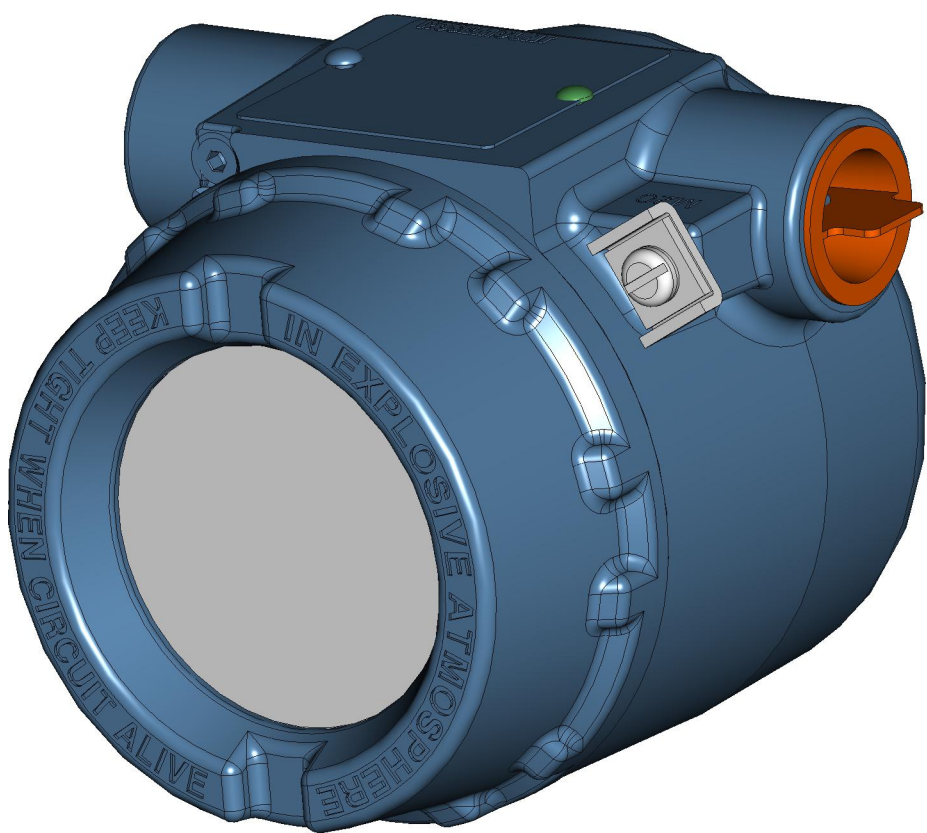
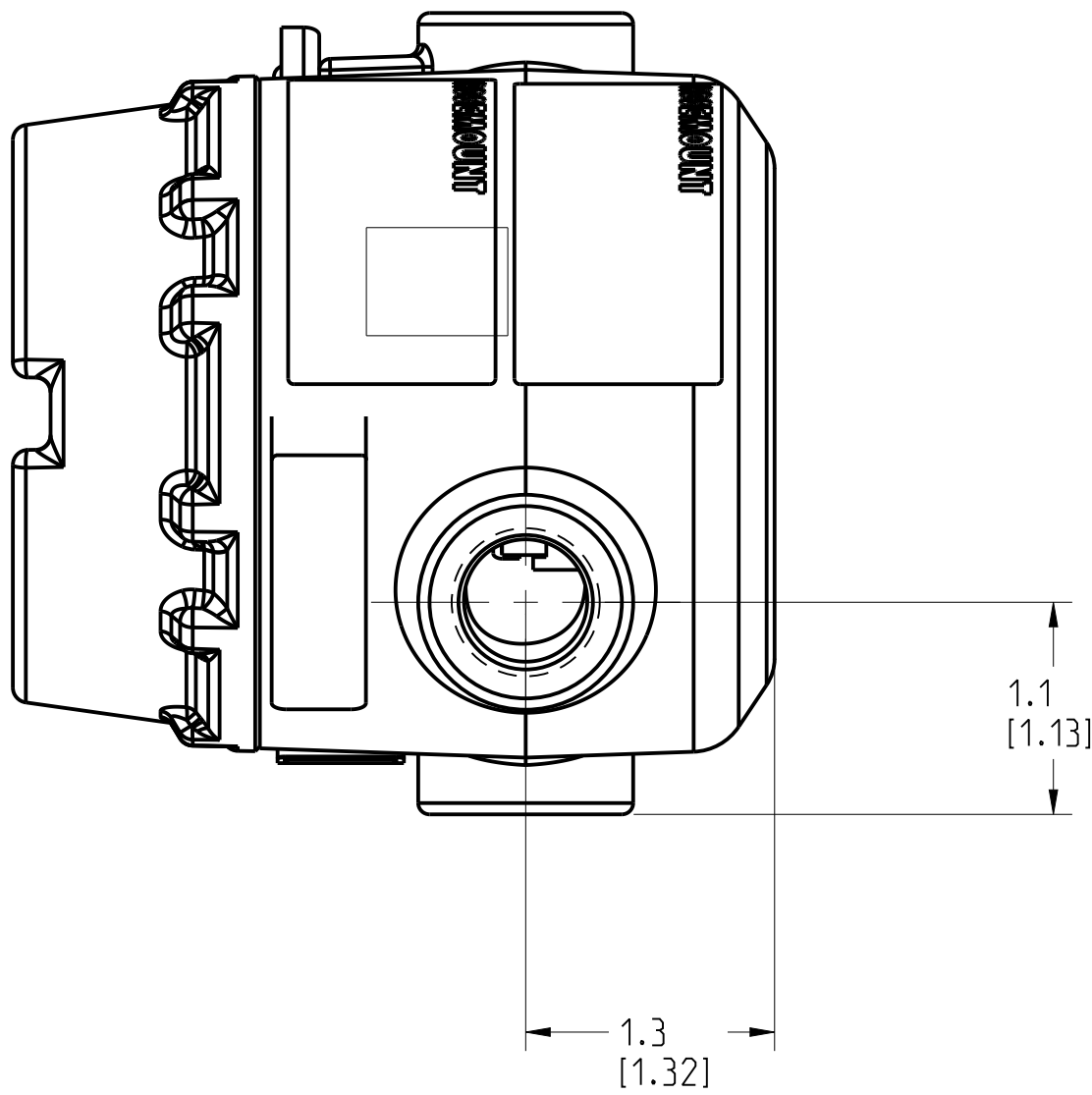
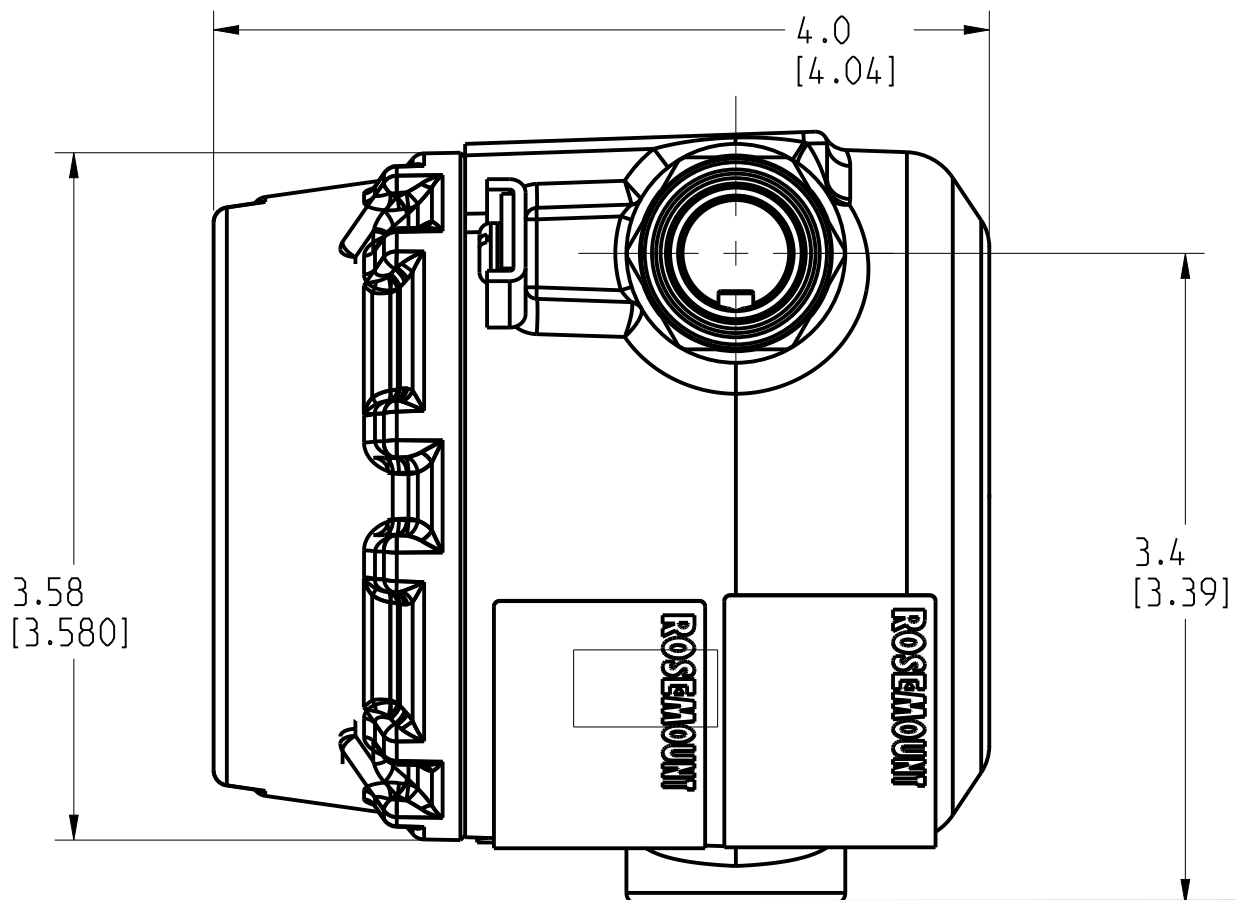
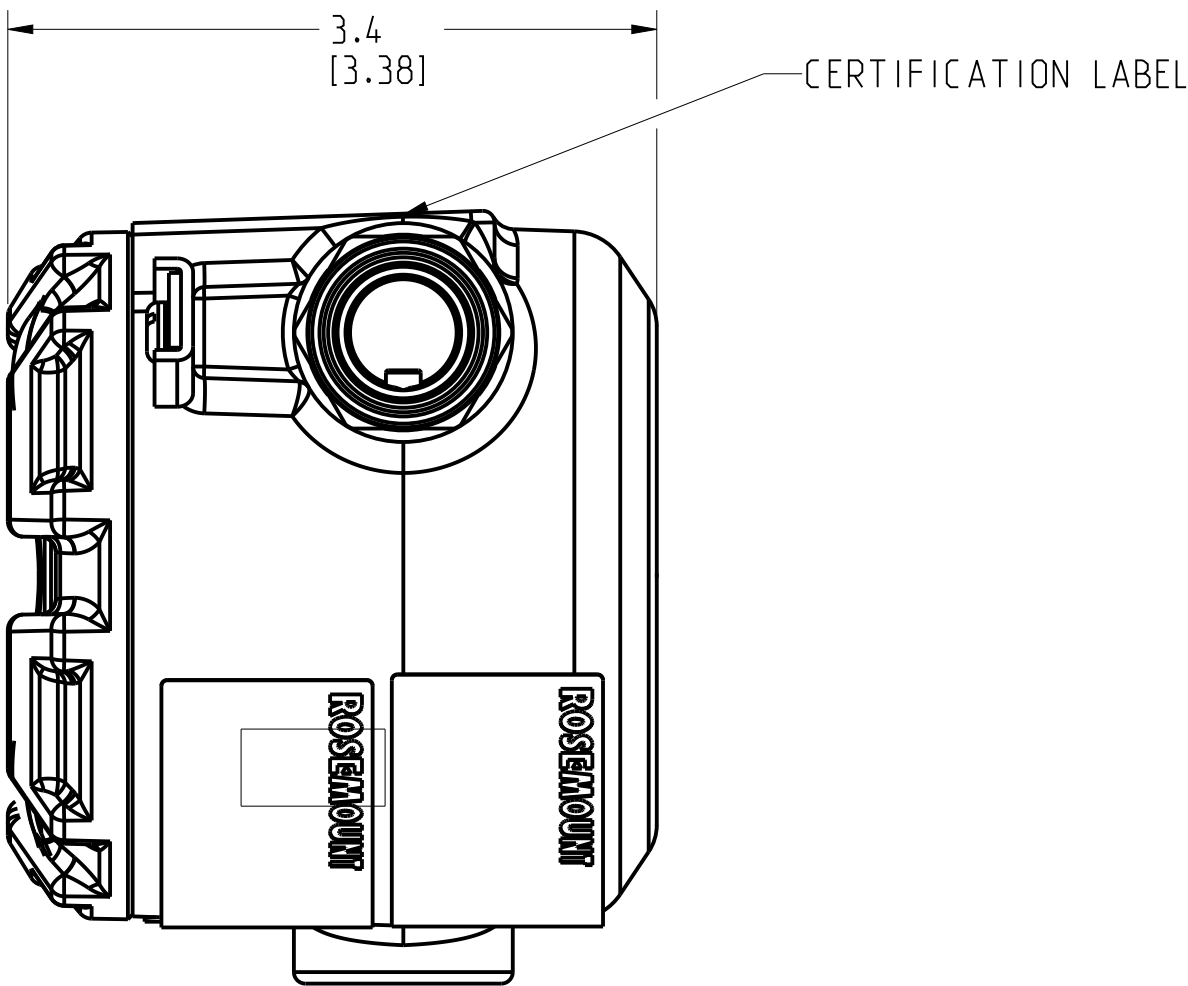
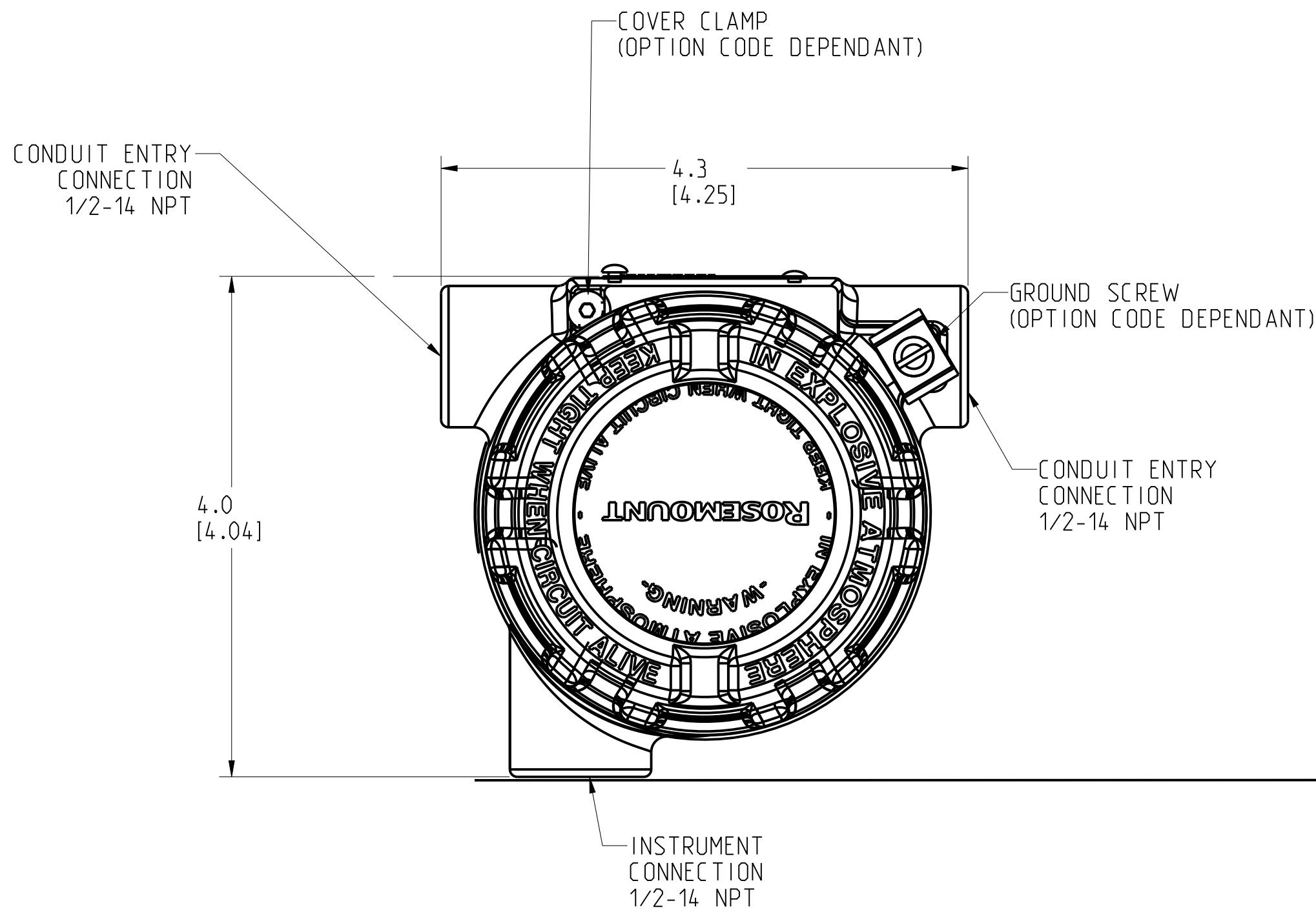


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		APP'D O. GHAZI 12/02/15			
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ROSEMOUNT 214C SENSOR CONNECTION HEADS

3 ENTRY UNIVERSAL JUNCTION BOX
ALUMINUM (AJ1)
(COVER CHAIN OPTION AVAILABLE)

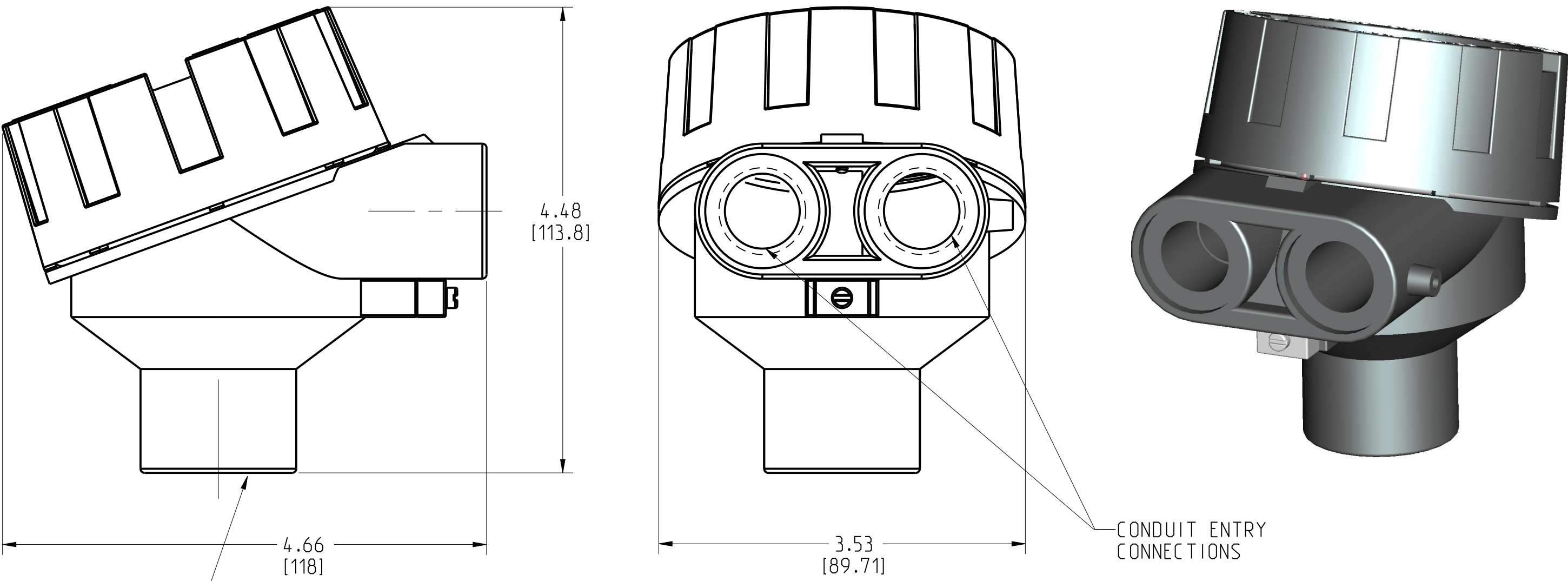
3 ENTRY UNIVERSAL JUNCTION BOX
WITH DISPLAY COVER ALUMINUM (AJ2)



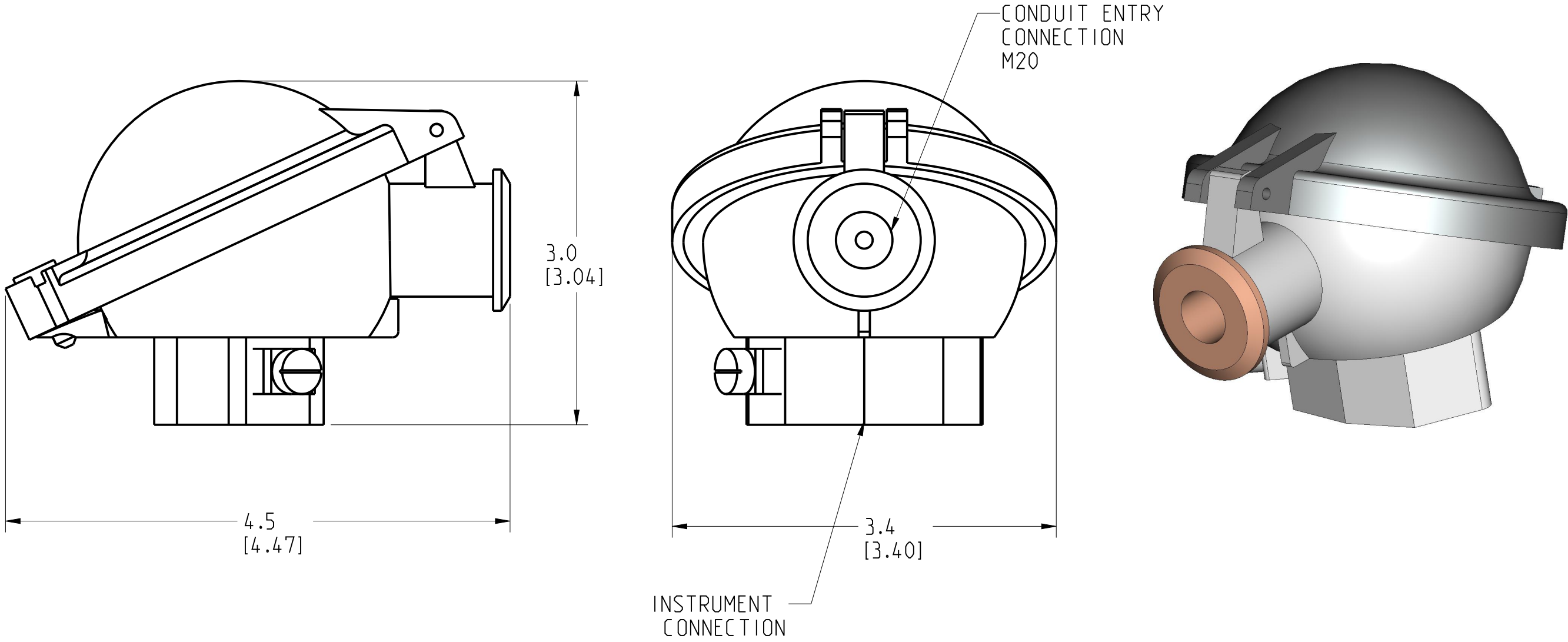
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ROSEMOUNT 214C SENSOR CONNECTION HEADS

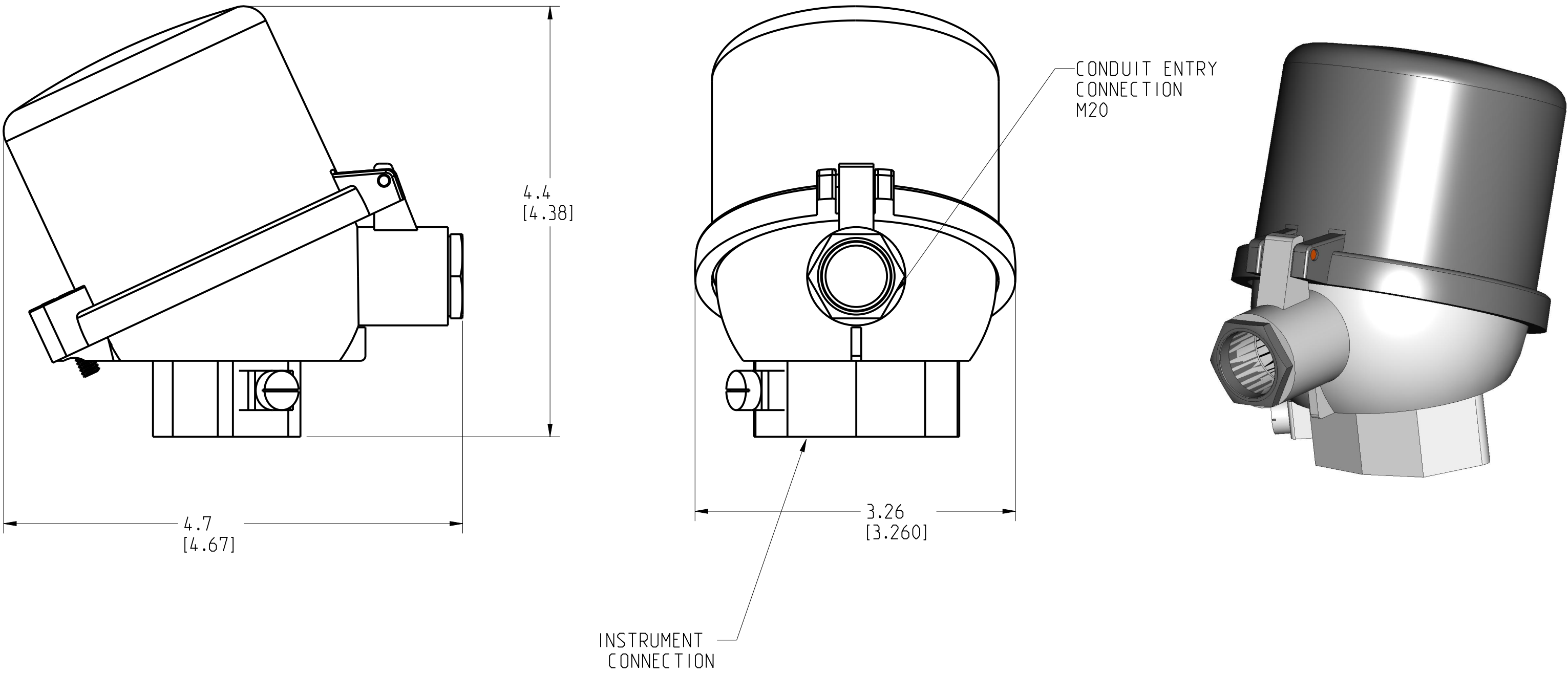
DUAL ENTRY ALUMINUM (AD1)
OR DUAL ENTRY SST (SD1)



BUZ ALUMINUM (AF1)



BUZH ALUMINUM (AF3)



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SHEET 6 OF 6