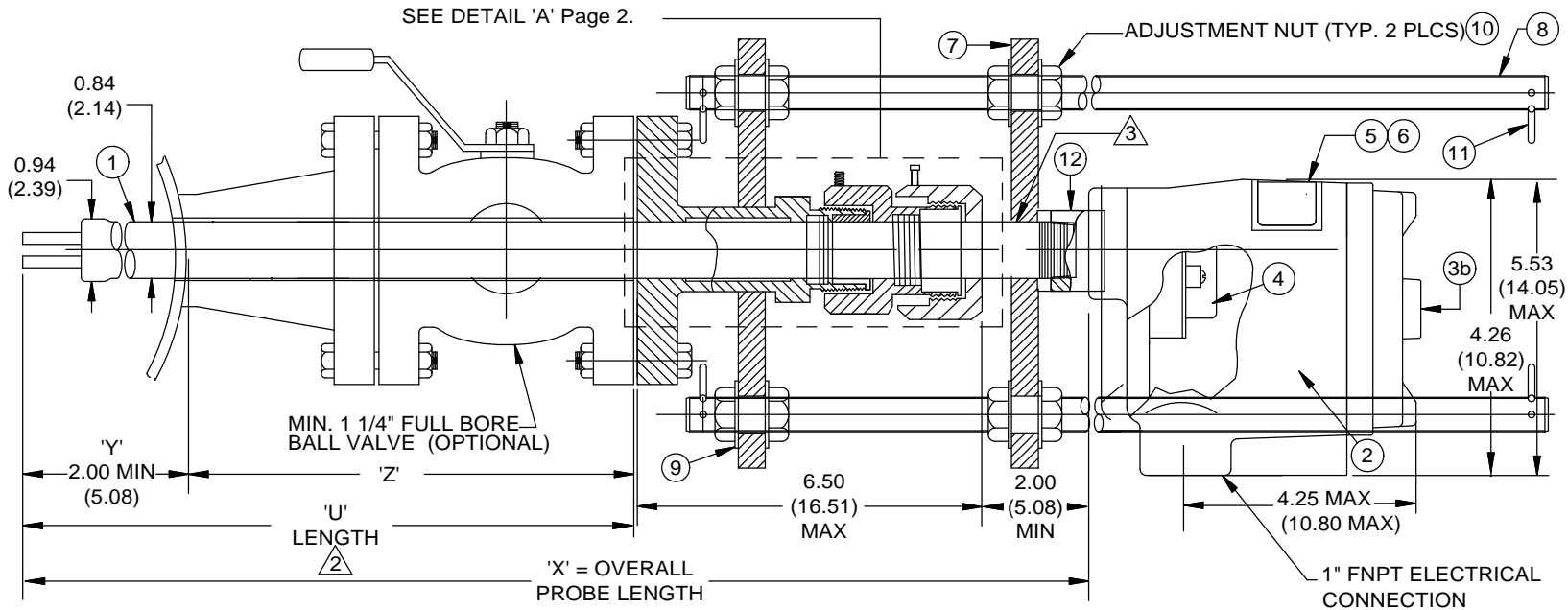


REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
All	0	Initial Release	09May02	Webster
	1	Edited text	13Apr11	
	2	Changed footer note. Added confidential note. Modified title box & rev. table. Modified one dim. Added on item 12. Added "-MI" on note "1.a). Changed P/N Item 7.	26Jan11	
	3	Changed footer note. Added confidential note. Modified title box & rev. table.	03Jun13	TDH



**NOTES:**

- 1. ① to ⑫ see parts list page 3
- ⑬ Customer specified 'U' length.
- ⑭ Install top and bottom mounted units in horizontal pipe with flow arrow  $\longleftrightarrow$  parallel to flow direction.
- 5. Flange: Size: \_\_\_\_\_ Material: \_\_\_\_\_

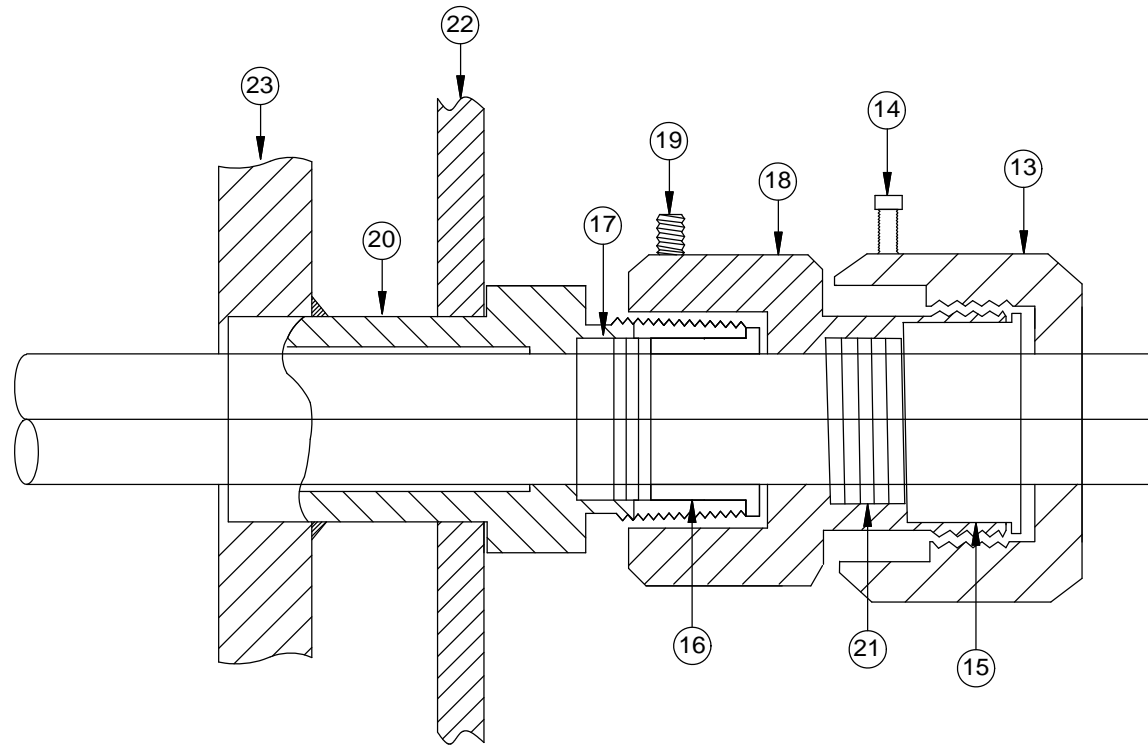
UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	MW	13MAY13
TOLERANCES: ANGULAR: 0.5°	CHECKED	EC	22MAY13
ONE PLACE DECIMAL ±0.1	ENG APPR.	TDH	03JUN13
TWO PLACE DECIMAL ±0.02			
THREE PLACE DECIMAL ±0.007			
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			

**KAYDEN**  
INSTRUMENTS

TITLE:  
**CLASSIC 814 Series**  
Packing Gland - Flanged - 1" MNPT  
Medium Pressure (500 PSI)  
Remote Electronics

SIZE	DWG. NO.	REV
<b>B</b>	D15-814-RAAYYX-IXXX-RE	3

SCALE: NTS      WEIGHT:      SHEET 1 OF 3



**NOTES:**

- 1. All components - 316 Stainless Steel  
(except packing and front support)

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	MW	13MAY13
TOLERANCES: ANGULAR: 0.5°	CHECKED	EC	21MAY13
ONE PLACE DECIMAL ±0.1	ENG APPR.	TDH	03JUN13
TWO PLACE DECIMAL ±0.02			
THREE PLACE DECIMAL ±0.007			
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			

**KAYDEN**<sup>®</sup>  
I N S T R U M E N T S

TITLE:  
**CLASSIC 814 Series**  
Packing Gland - Flanged - 1" MNPT  
Medium Pressure (500 PSI)  
Local/Remote Electronics: Detail 'A' Drawing

SIZE	DWG. NO.	REV
<b>B</b>	D15-814-RAAYYYAX-IXXXX-RE	3

SCALE: NTS      WEIGHT:      SHEET 2 OF 3

BOM			
ITEM	DESCRIPTION	PART NUMBER	QTY
*1	Sensor Assembly; (probe only)	P322-RAEXXXX	1
2	Flameproof Enclosure (3/4" x 1" FNPT)	M10-100A-D	1
3a	□ Glass Lens Cover - Flameproof	M10-1G00	1
3b	⊠ Blind Cover - Flameproof	M10-1B00	1
4	Remote Terminal Assembly For Sensor Enclosure	1790-0622-C	1
5	Nameplate, Foil	2400-0002	1
6	Nameplate, Overlay	2401-0001	1
7	Rear Support, Medium Pressure	2510-0311-1	1
8	5/8" Threaded Rod - Modified	2510-0414	'U'+7"
9	5/8" Flat Washer	2510-0427	8
10	Hex Nut, 5/8" UNC	2510-0417	8
11	Cotterpin	2510-0415	4
12	Hardware Reducer 3/4" x 1/2" (Optional)	2510-0021	1
***** ITEMS 12 THROUGH 23 REFER TO PAGE 2 (DETAIL 'A') *****			
13	Nut	2510-0305-B	1
14	Hex Cap Screw, 1/4" - 28 x 1/2" SS	2540-0020	4
15	Packing Follower	2510-0307-B	1
16	Seal Follower	2510-0304-B	1
17	Seal (U-Cup)	2510-0440	1
18	Nut w/Coupling	2510-0306-B	1
19	Stainless Steel Set Screw, 10-24 x 3/8" Allen	2540-0021	1
20	Sleeve	2510-0300-B	1
21	1/8" SQ. Teflon	Z2510-0429	A/R
22	Front Support, Medium Pressure	2510-0413-1	1
23	Flange	YYY	1

**NOTES:**

\*1. a) **Sensor Assembly Selection Guide:**

P22-RAAYYAX-IXXXX-M Where XXXX = Desired Probe 'U' Length.

eg. 'U' Length = 3.5" = P22-RAAYYAX-I0035-M or 36" = P22-RAAYYAX-I0360-M

b) I = Imperial (inches)

M = Metric (cm)

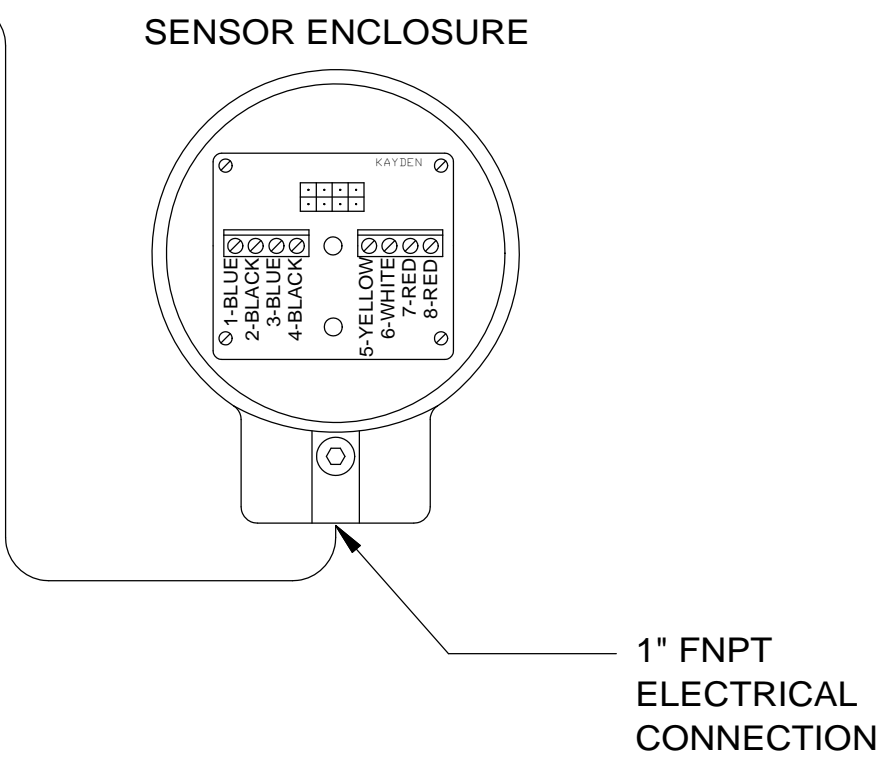
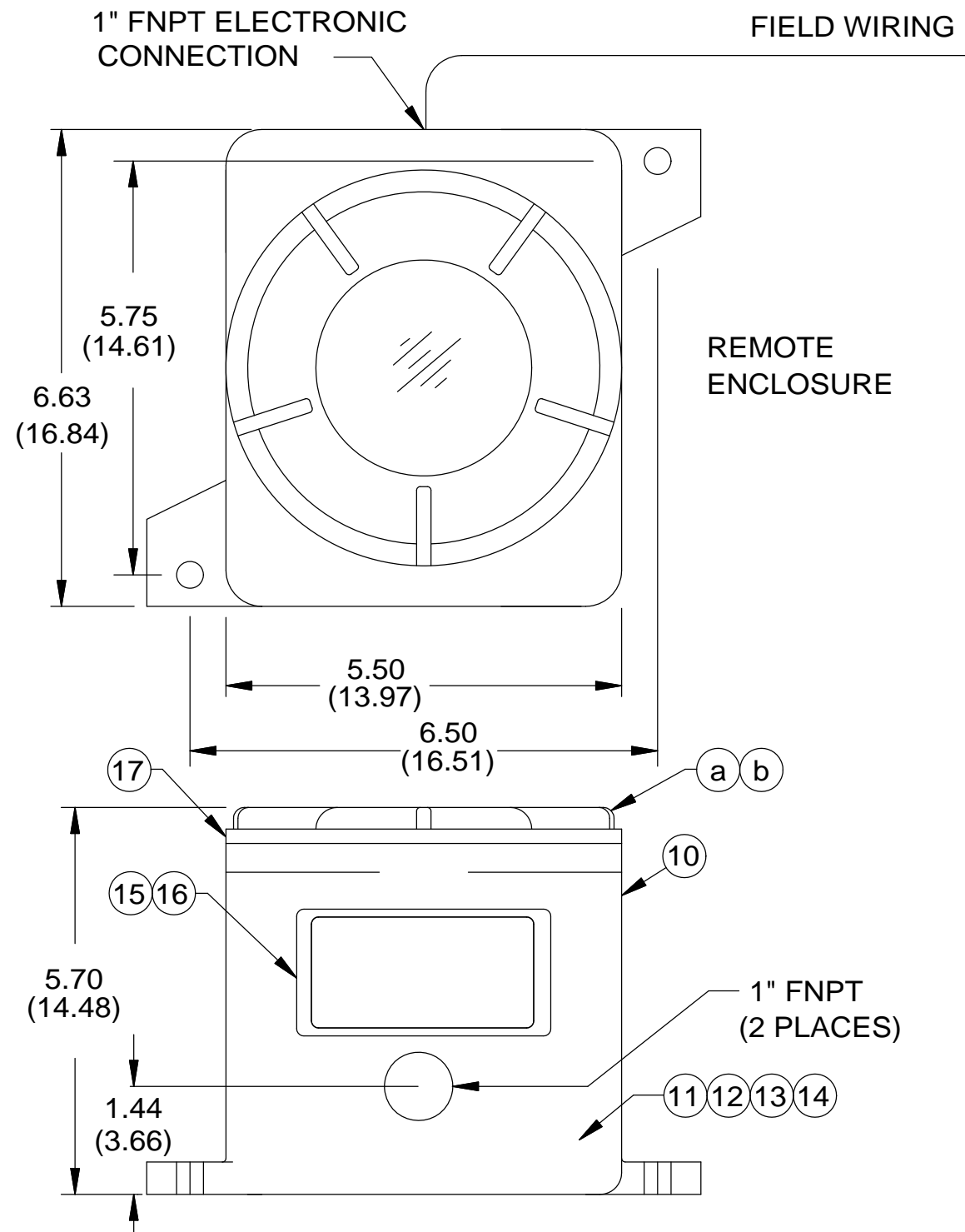
c) P22-RAAYYAX-IXXXX-M (Where YYY = Code for type of flange)

eg. Flange = 1 1/2". 150# = (P22-RAA131AX-IXXXX-M) See flange list

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES		MW	16MAY13
TOLERANCES:		CHECKED	EC
ANGULAR: 0.5°		ENG APPR.	TDH
ONE PLACE DECIMAL ±0.1			
TWO PLACE DECIMAL ±0.02			
THREE PLACE DECIMAL ±0.007			
INTERPRET GEOMETRIC TOLERANCING PER:			
MATERIAL		COMMENTS:	
FINISH		DO NOT SCALE DRAWING	
TITLE:		SIZE	REV
<b>KAYDEN®</b> I N S T R U M E N T S		B	3
CLASSIC 814 Series		DWG. NO.	
Packing Gland - Flanged - 1" MNPT		D15-814-RAAYYAX-IXXX-RE	
Medium Pressure (500 PSI)		SCALE: NTS	WEIGHT:
Remote Electronics			SHEET 3 OF 3

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
All	0	Initial Release	03Jun13	TDH

D  
I  
C  
B  
A



**NOTES:**

- 1. WIRE ACCORDING TO CONNECTION DIAGRAM.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	MW	13MAY13
TOLERANCES: ANGULAR: 0.5°	CHECKED	EC	21MAY13
ONE PLACE DECIMAL ±0.1	ENG APPR.	TDH	03JUN13
TWO PLACE DECIMAL ±0.02			
THREE PLACE DECIMAL ±0.007			
INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:		
MATERIAL			
FINISH			
DO NOT SCALE DRAWING			




TITLE:  
**CLASSIC Series**  
Remote Electronics  
Flameproof Enclosure (CSA)

SIZE	DWG. NO.	REV
<b>B</b>	7730-0000-CSA	0

8 7 6 5 4 3 2 1

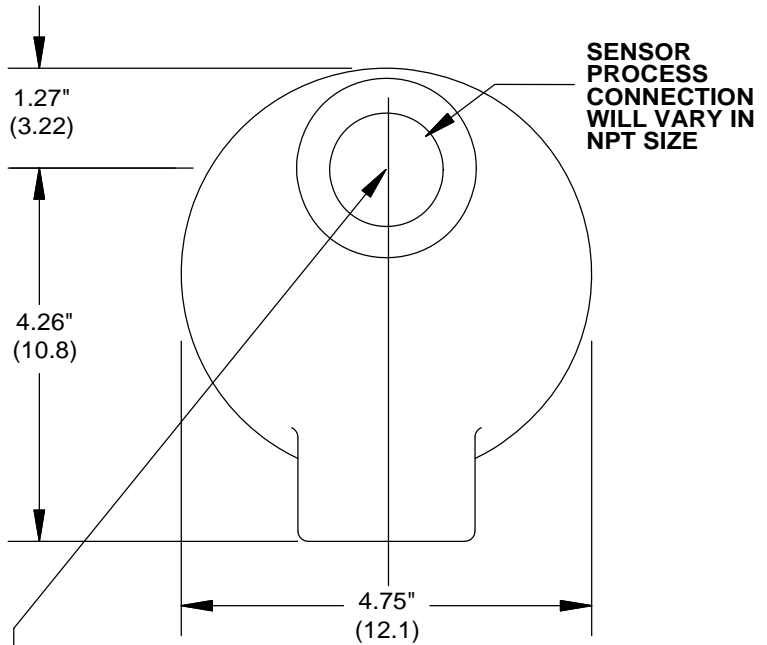
8 7 6 5 4 3 2 1

BOM			
ITEM	DESCRIPTION	PART NUMBER	QTY
10	Flameproof Remote Enclosure	1409-1201	1
a	<input type="checkbox"/> Glass Lens Cover - Flameproof	1409-1208	1
b	<input type="checkbox"/> Blind Cover - Flameproof	1409-1207	1
11	Terminal Assembly	2511-0012	1
12	Ground Screw	2540-0023	1
13	CLASSIC Electronics Module (12-24 VDC, 115-230 VAC)	L10-800-C-E	1
14	Mounting Screws (316 SS)	2540-0007	2
15	Nameplate, Foil	2400-0007	1
16	Nameplate, Overlay	2401-0001	1
17	Cover Gasket	1499-1301	1

UNLESS OTHERWISE SPECIFIED:		NAME	DATE		
DIMENSIONS ARE IN INCHES		DRAWN	MW		13MAY13
TOLERANCES: ANGULAR: 0.5°		CHECKED	EC		21MAY13
ONE PLACE DECIMAL ±0.1 TWO PLACE DECIMAL ±0.02 THREE PLACE DECIMAL ±0.007		ENG APPR.	TDH		03JUN13
INTERPRET GEOMETRIC TOLERANCING PER:				TITLE:	
MATERIAL		COMMENTS:		<b>Parts List - CLASSIC Series</b> Remote Electronics Flameproof Enclosure (CSA)	
FINISH		SIZE	DWG. NO.	REV	
DO NOT SCALE DRAWING		<b>B</b>	7730-0000-CSA	0	
KAYDEN INSTRUMENTS		SCALE: NTS	WEIGHT:	SHEET 2 OF 2	

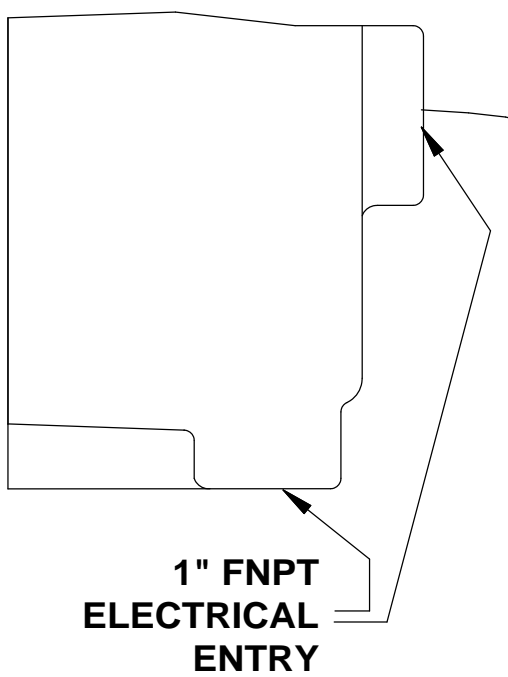
REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
All	0	Initial Release	03Jun13	TDH

### SENSOR AND REMOTE ENCLOSURE REAR VIEW



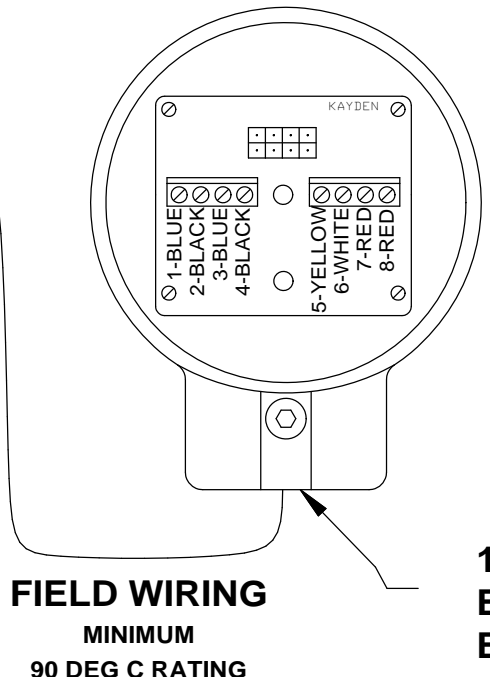
MOUNT SENSOR AND REMOTE ENCLOSURE USING FNPT ENTRY

### REMOTE ENCLOSURE SIDE VIEW



1" FNPT ELECTRICAL ENTRY

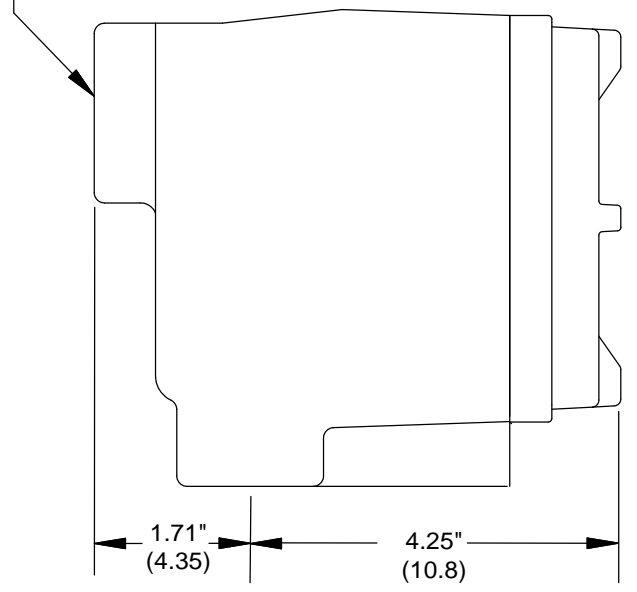
### SENSOR ENCLOSURE FRONT VIEW



FIELD WIRING MINIMUM 90 DEG C RATING

1" FNPT ELECTRICAL ENTRY

### SENSOR AND REMOTE ENCLOSURE SIDE VIEW



#### NOTES:

1. Wire sensor to remote according to connection diagram.

UNLESS OTHERWISE SPECIFIED:		NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	MW	13MAY13
TOLERANCES: ANGULAR: 0.5° ONE PLACE DECIMAL ±0.1 TWO PLACE DECIMAL ±0.02 THREE PLACE DECIMAL ±0.007	CHECKED	EC	21MAY13
INTERPRET GEOMETRIC TOLERANCING PER:	ENG APPR.	TDH	03JUN13
MATERIAL	COMMENTS:		
FINISH			
DO NOT SCALE DRAWING			



TITLE:  
**CLASSIC Series**  
Remote Electronics  
Flameproof Enclosure (FM)

SIZE	DWG. NO.	REV
<b>B</b>	7730-0000-FM	0