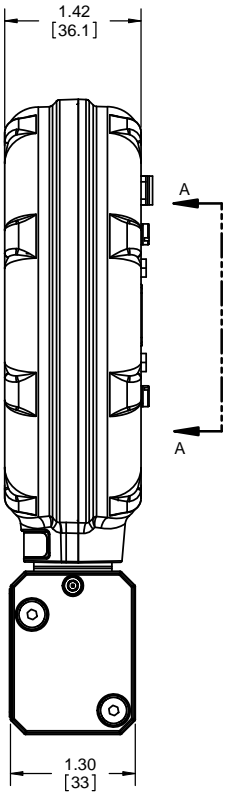
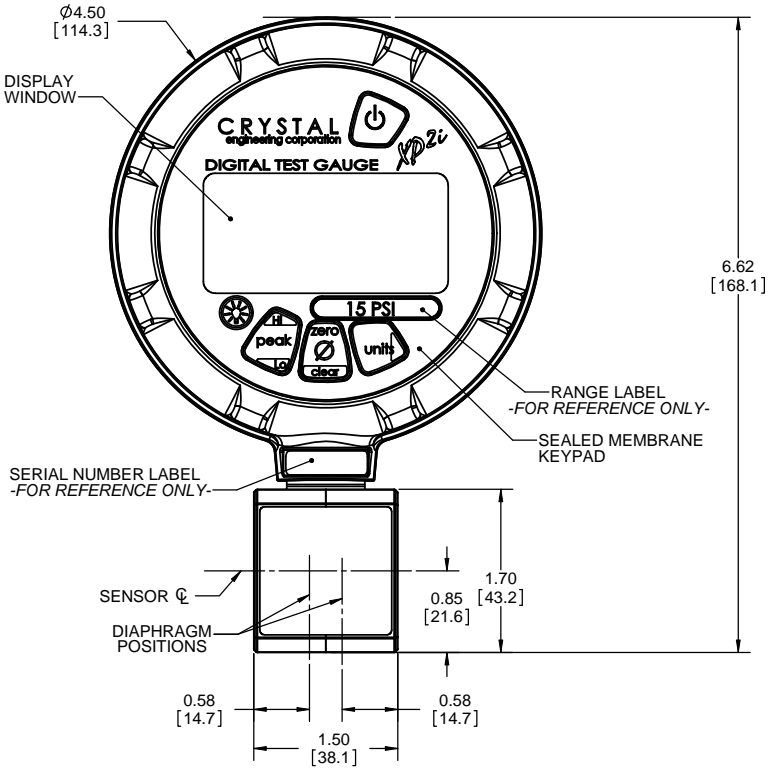


REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
0	RELEASED FOR PRODUCTION	10/23/06	ON FILE
B	UPDATED FOR REVISED XP2I PER ECO 09-036	6/5/2009	ON FILE



**SPECIFICATIONS**

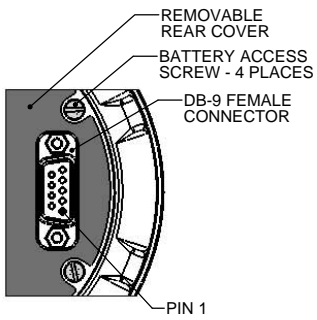
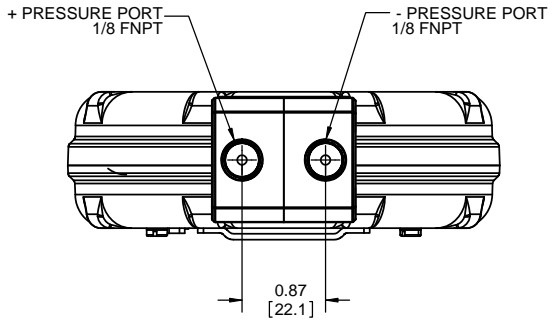
**PRESSURE RANGE:** SEE PRESSURES AND RESOLUTIONS CHART  
**PRESSURE ACCURACY:** 20 - 100% OF FULL SCALE ±(0.1% OF READING)  
 0 - 20% OF FULL SCALE ±(0.02% OF FULL SCALE)  
 STATIC LINE PRESSURE EFFECT: 0.0003 PSI PER PSI APPLIED  
**POWER:** THREE AA (1.5V) AA; RAYOVAC MAXIMUM PLUS, ENERGIZER® E91, ENERGIZER® EN91, OR DURACELL MN1500. USE OF ANY OTHER BATTERY VOIDS INTRINSIC SAFETY RATINGS  
**PRESSURE CONNECTION:** TWO 1/8"-27 FEMALE NPT.  
**ENCLOSURE:** NICKEL-PLATED ALUMINUM ALLOY CASE, AUTOFLEX-EBG10 MEMBRANE SWITCH PANEL.  
**WEIGHT:** 915 g (2.0 lbs), INCLUDING BATTERIES  
**PRESSURE PORT MEDIA COMPATIBILITY:** LIQUID AND GASES COMPATIBLE WITH 300 SERIES STAINLESS STEEL AND BUNA-N (O-RING).  
**OPERATING AND COMPENSATED TEMPERATURE RANGE:** -10°C TO +50°C (14°F TO 122°F).  
**STORAGE TEMPERATURE RANGE:** -40°C TO +75°C (-40°F TO 167°F).  
**CERTIFICATIONS:**  
**INTRINSICALLY SAFE:**  
 CSA: CLASS I, DIVISION 1, GROUPS A, B, C, AND D - T4 (CANADA AND U.S.)  
 ATEX: Ex II 1 G Ex ia IIC T4 KEMA 04ATEX 1053 X  
 IECEx SCHEME: IECEx CSA 05.0001X  
 Ex ia IIC T4  
**OTHER:**  
 C-TICK: COMPLIES WITH AUSTRALIAN C-TICK  
 DNV: COMPLIES WITH DNV'S RULES FOR CLASSIFICATION OF SHIPS, HSLC AND OFFSHORE STANDARDS

DIMENSIONS ARE IN INCHES [MILLIMETERS]  
 SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.  
 PROTECTIVE BOOT OPTION SHOWN ON SHEET 2  
 MOUNTING FLANGE AND REAR PORT OPTIONS SHOWN ON SHEET 2

**PRESSURES AND RESOLUTIONS**

AVAILABLE PRESSURES				AVAILABLE UNITS AND DISPLAY RESOLUTIONS								
PSI	bar	kPa (1)	OVERPRESSURE (+/- PORTS)	PSI	kg/cm2	"Hg	"H2O	mmHg	mmH2O	kPa	bar	mbar
15	1	100	6.5x / 3.0x	0.001	0.0001	0.001	0.01	0.01	1	0.01	0.0001	0.1
100	7	700	2.0x / 2.0x	0.01	0.0001	0.01	0.1	0.1	1	0.01	0.0001	0.1

(1) kPa MODELS DISPLAY PRESSURE IN kPa, MPa, bar, mbar if applicable.



SECTION A-A  
RS232 CONNECTOR

**CONNECTOR PINOUT**

PIN	FUNCTION
1	NC
2	TX
3	RX
4	DTR
5	COM
6	NC
7	RTS
8	NC
9	NC

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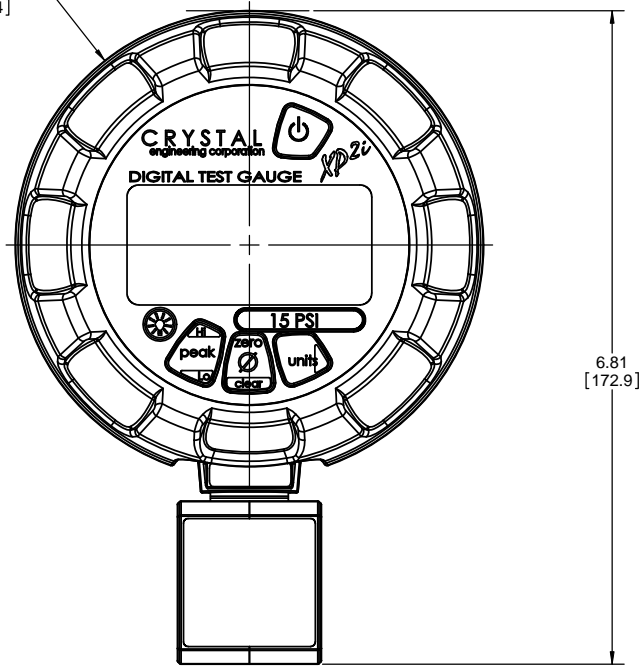
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE:  
 FRACTIONS DECIMALS ANGLES  
 .XXX ± .005  
 .XXXX ± .001

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 engineering corporation www.crystalengineering.net

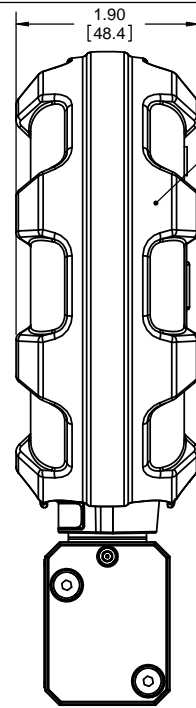
**XP2I SERIES PRESSURE GAUGE**

APPROVALS	DATE	SCALE: 1:1	SIZE <b>C</b>	DRAWING NO. <b>3673</b>	REV <b>B</b>
DRAWN M.J.Cain	10/11/06				
CHECKED D. Porter	10/20/06	DO NOT SCALE DRAWING			
MFG. ENGR. M.J.Cain	10/20/06	SHEET 1 OF 2			
D.A. M. Merrill	10/23/06				

Ø4.88  
[124]



UNIT SHOWN WITH OPTIONAL PROTECTIVE BOOT



**PROTECTIVE BOOT**  
 COLOR: BLUE  
 MATERIAL: POLYPROPYLENE BLEND  
 HARDNESS: 55 SHORE A

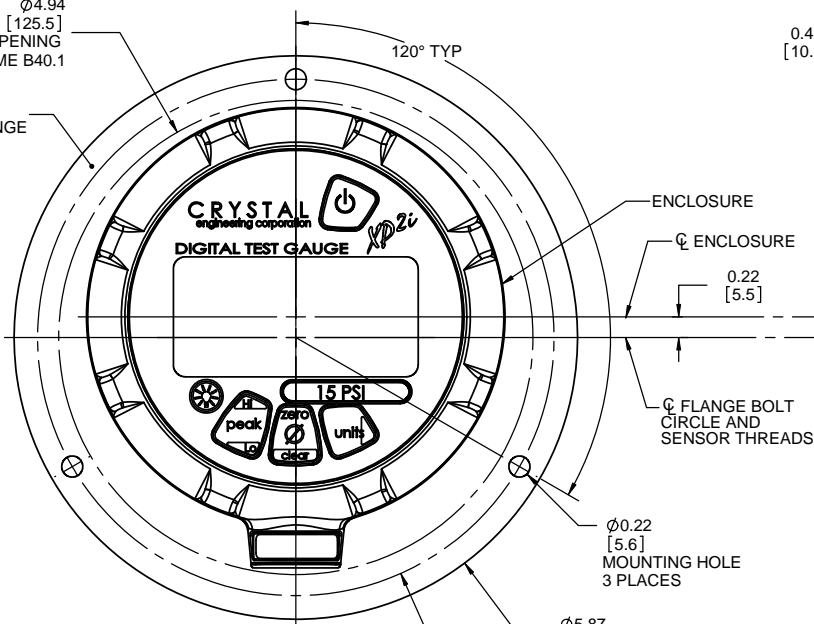
REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	See Sheet1	-	-

NOTES:  
 REFER TO SHEET 1

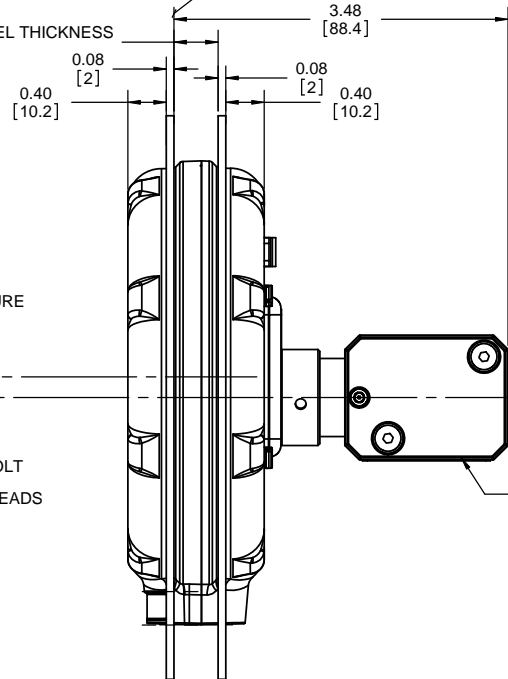
SEE "XP2i FLANGE MOUNTING KIT ASSEMBLY INSTRUCTIONS"  
 (CRYSTAL ENGINEERING P/N 3962) FOR FLANGE MOUNT PANEL  
 CUT-OUT DIMENSIONS, TEMPLATE AND ASSOCIATED INFORMATION.

Ø4.94  
[125.5]  
 PANEL OPENING  
 PER ASME B40.1

NICKEL PLATED  
 ALUMINUM FLANGE



UNIT SHOWN WITH OPTIONAL MOUNTING  
 FLANGE AND REAR PORT (-F4)



**REAR PORT CONFIGURATION**  
 NOTE: REAR PORT IS AVAILABLE AS AN  
 OPTION WITHOUT FLANGE (-RP)

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UNLESS OTHERWISE SPECIFIED  
 DIMENSIONS ARE IN INCHES  
 TOLERANCES ARE:  
 FRACTIONS DECIMALS ANGLES  
 .XXX ± .005  
 .XXXX ± .001

APPROVALS	DATE
DRAWN M.J.Cain	10/11/06
CHECKED D. Porter	10/20/06
MFG. ENGR. M.J.Cain	10/20/06
D.A. M. Merrill	10/23/06

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**XP2i SERIES PRESSURE GAUGE**

SCALE: 1:1	SIZE <b>C</b>	DRAWING NO. <b>3673</b>	REV <b>B</b>
DO NOT SCALE DRAWING		SHEET 2 OF 2	