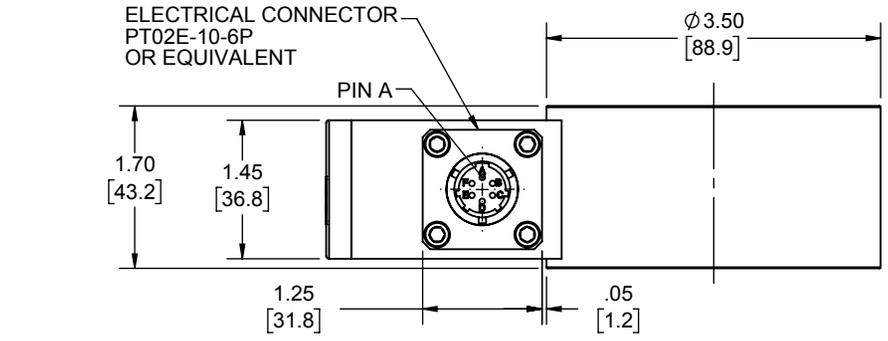
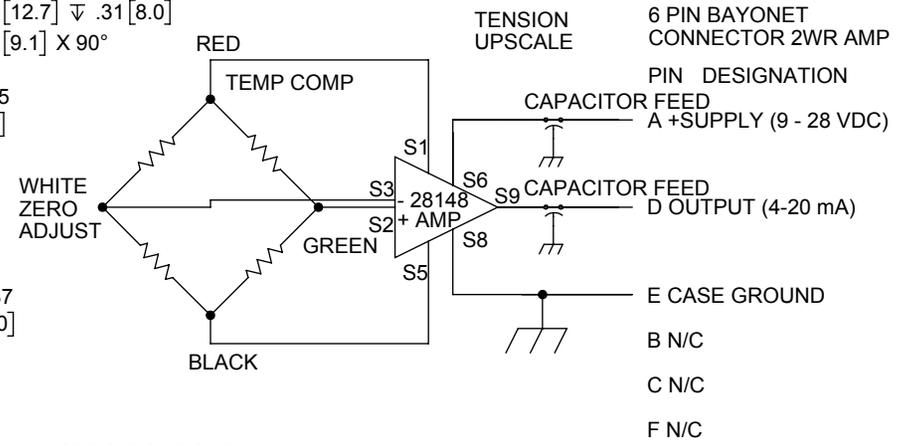
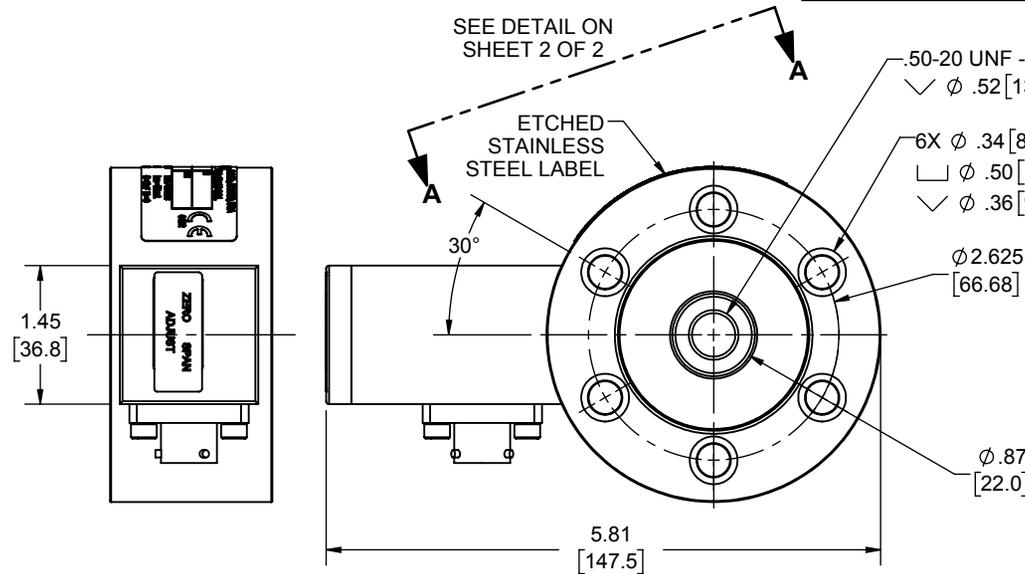


LOAD CELL CHARACTERISTICS	
CAPACITY	2K, 5K (lbf)

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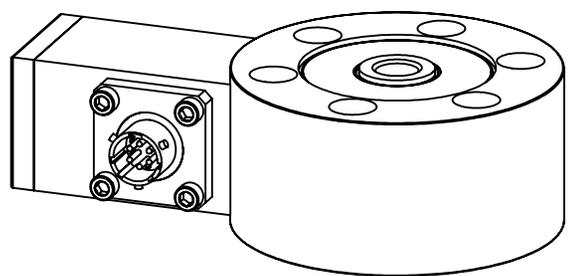
82246

REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
A	INITIAL RELEASE	01/12/2018	CS



SPECIFICATIONS:

1. CAPACITY: 2K AND 5K lbf AS DENOTED BY THE PART NUMBER.
2. OVERLOAD: 150% SAFE AXIAL LOAD, 300% ULTIMATE AXIAL LOAD.
3. SENSING ELEMENT: 4000 OHM FULL STRAIN GAGE BRIDGE.
4. OUTPUT: 4-20 mA, APPROXIMATELY 12mA @ NO LOAD, LOOP POWERED.
5. COMPLIANCE: (EXCITATION VOLTS - 9 VOLTS) / .02 = OHMS.
6. EXCITATION: 9 - 28 VDC.
7. NONLINEARITY: 0.10% FS FOR 2K - 5K lbf.
8. HYSTERESIS: 0.08% FS FOR 2K - 5K lbf.
9. TEMPERATURE RANGE: COMPENSATED: 0 TO 150 F° [-18 TO 65C°]  
 OPERATING: -40 TO +200 F° [-40 TO +93 C°].
10. TEMPERATURE EFFECTS: ZERO: 0.002% RO / F° [0.0036% RO / C°]  
 SPAN: 0.002% / F° [0.0036% / C°]
11. CONSTRUCTION: 17-4 STAINLESS STEEL.
12. CONNECTOR: PT02E-10-6P OR EQUIVALENT.
13. CERTIFICATION: CERTIFIED TO THE ATEX DIRECTIVE. INTRINSICALLY SAFE FOR USE IN ZONE 1 HAZARDOUS LOCATIONS WHEN INSTALLED IN ACCORDANCE WITH DRAWING W-1683.



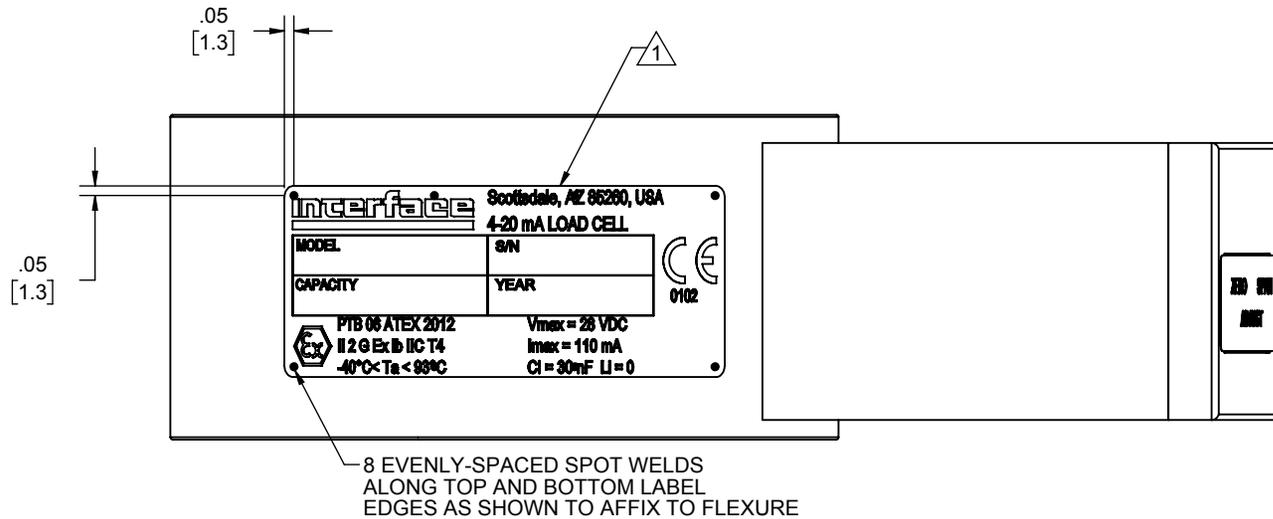
Ex Product Related Drawing  
 Revision requires approval of person responsible for Ex certificate

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [mm]		 <b>FORCE MEASUREMENT SOLUTIONS</b> , 7418 E. HELM DRIVE SCOTTSDALE, AZ 85260 USA	
TOLERANCES ARE: ANGLES $\pm 0^\circ 30'$ .XX $\pm .01 [0.25]$ .XXX $\pm .005 [0.13]$			
CREATOR	DATE	TITLE:	
DESIGNED: CS	01/08/18	OUTLINE MODEL: 3412 SERIES / PT02E CONN. SPEC CONTROL DRAWING	
DETAILED: DAVID C.	01/08/2018	SIZE: A	DWG. NO: 82246
WEIGHT: (APPROX) 4.34 (lbs)		SCALE: 1:2	SHEET 1 OF 2
			REV: A

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REVISIONS			
REV.	DESCRIPTION	DATE	APPROVED
-	See Sheet1	-	-



**DETAIL: A-A**

2. A THIN BLADED INSTRUMENT IS USED TO APPLY A MODEST PRYING FORCE BETWEEN ADJACENT SPOT WELDS TO CONFIRM INTEGRITY OF SPOT WELD.

1 LOCATE LABEL ONTO FLEXTURE AS SHOWN.

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES [mm]  
TOLERANCES ARE:  
ANGLES ± 0° 30'  
.XX ± .01 [0.25]  
.XXX ± .005 [0.13]

CREATOR	DATE
DESIGNED: CS	01/08/18
DETAILED: DAVID C.	01/08/2018
WEIGHT: (APPROX) 4.34 (lbs)	©

**Interface** 7418 E. HELM DRIVE  
**FORCE MEASUREMENT SOLUTIONS** SCOTTSDALE, AZ 85260 USA

TITLE:  
**OUTLINE MODEL: 3412 SERIES / PT02E  
CONN. SPEC CONTROL DRAWING**

SIZE: A	DWG. NO: 82246	REV: A
SCALE: 1:1	SHEET 2 OF 2	