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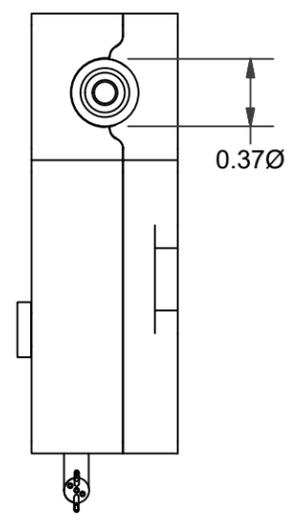
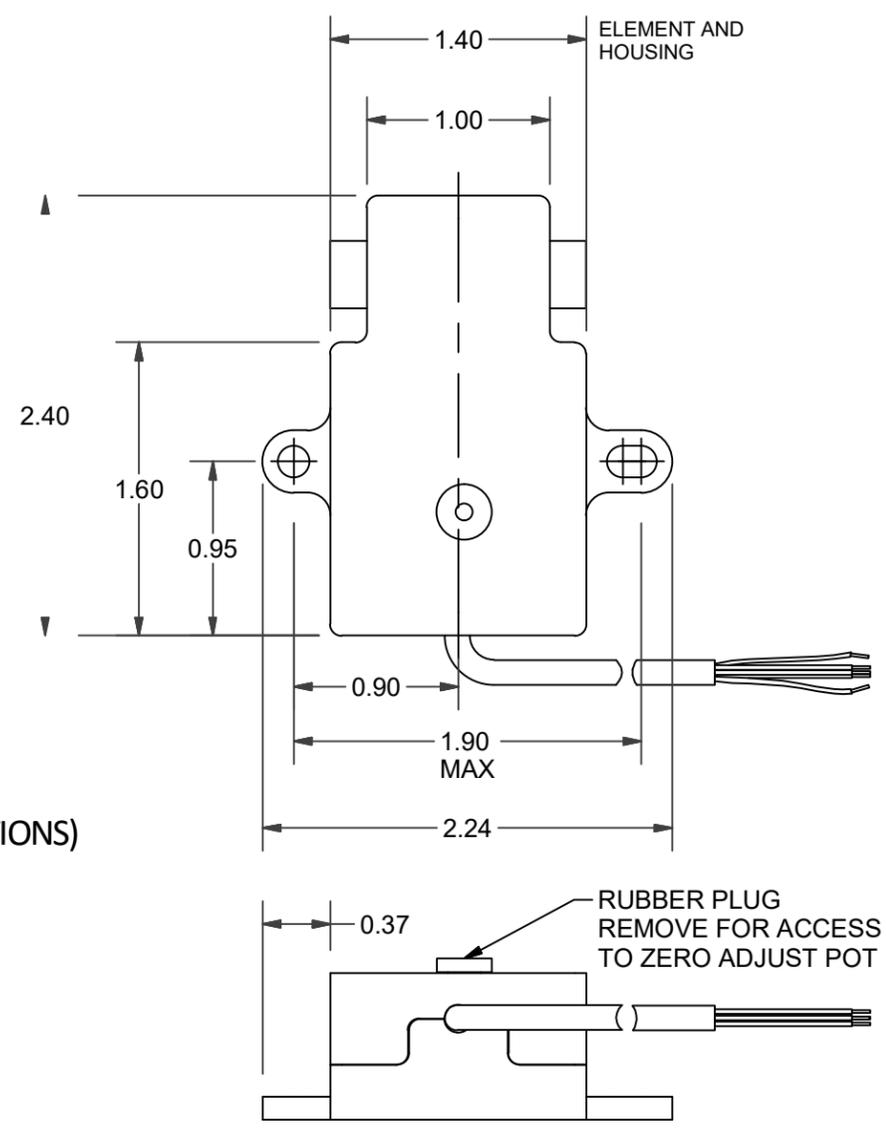
SPECIFICATIONS

SENSOR TYPE: ONE PIECE *thru-FLO* ELEMENT
MATERIAL IN CONTACT WITH MEASURAND: 6AL4V TI
HOUSING MATERIAL: DIE-CAST ZINC ALLOY, ELECTROLESS NICKEL PLATED.
FULL SCALE PRESSURE RANGES: FROM 0 to 100 PSI TO 0 to 2500 PSI
MEASURE VACUUM: YES
MAX PRESSURE RANGE: NO DAMAGE, TWICE FULL SCALE
INTERNAL VOLUME: 104 MICROLITERS
MAX INSTALLATION TORQUE: 20 INCH POUNDS
ZERO SHIFT DUE TO TORQUING: 3% OF FULL SCALE AT 20 INCH POUNDS
STORAGE TEMPERATURE: - 40° TO +80°C (CABLE LIMITED)
OPERATING TEMPERATURE: 0° TO + 60°C
THERMAL COMPENSATION ON SPAN: WITHIN .02% OF READING PER °C
THERMAL COMPENSATION ON ZERO BALANCE: WITHIN .03% OF F.S. PER °C
EXCITATION VOLTAGE: 5.000 VDC ± 10%
FULL SCALE OUTPUT CHANGE: 3.000 ±0.100 V
 (2.00V for ranges below 250 PSI except when specified by customer SEE OPTIONS)
ZERO BALANCE AT 25° C: 0.500 ±0.200 V
CALIBRATION MEDIUM: DISTILLED WATER
LINEARITY AND HYSTERESIS COMBINED: WITHIN 1% OF F.S.
MAX CURRENT DRAIN: 20 mA **OUTPUT IMPEDANCE:** 100 OHMS NOMINAL
SHOCK: 500 G'S ALL AXES **WEIGHT:** 150 GRAMS MAX
GAGE RESISTANCE: 1000 OHMS NOMINAL
WIRING CODE: + SIGNAL White
 COMMON Black
 + EXCITATION .. Red
 SHIELD AND HOUSING....Yellow
SHIPPING: Protective caps over ports
AVAILABLE RANGES: 100,150, 250, 500, 1000, 1500, 2500 PSI

DF2-TI-02-XXXX-5V WHERE XXXX IS RANGE

OPTION TABLE

PART # 7311 DF2-TI-02-150-5V 3V SPAN



REV E ECO138 CALIBRATION MEDIUM AIR TO WATER
 REV D ECO180316LP OPTION FOR 3V SPAN
 REV C ECO170309LP DIMENSION ELEMENT
 REV B ECO160808LP CHANGE SPAN NOTE, 2V < 250PSI
 REV A ECO150304LP RELEASE 3-4-2015

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DRAWN BY: lp DATE: 5/12/2014 MATERIAL:

CHECKED BY: DATE: FINISH:

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES

TOLERANCES ON:
 DECIMALS
 2 PLACE: ± 0.01
 3 PLACE: ± 0.005
 FRACTIONS: ± 1/64
 ANGLES: ± 0.25°

Model DF2
-02, 1/4-28 Port
Low Pressure Outline

SCALE
 SHEET 1 OF 1
 57747

SIZE **B** **55403** REV **E**



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