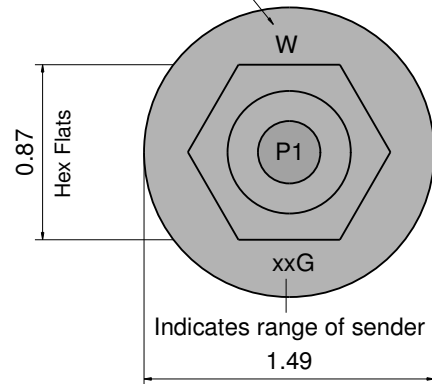


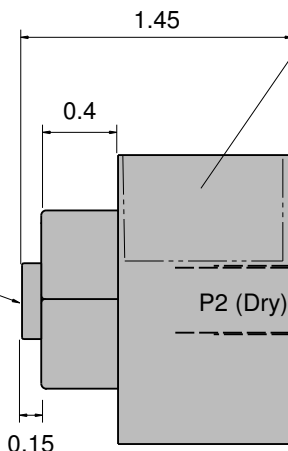
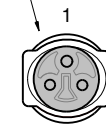
MATERIAL:

## Specification Drawing

Indicates wet side  
of sender (Differential Only) (D)

## Specifications:

|                |                                                           |
|----------------|-----------------------------------------------------------|
| Type           | Pressure transducer, Differential & Gauge                 |
| Supply Voltage | 9 to 12 Volts DC                                          |
| Output         | Precalibrated to Customer Request ( See Table for Values) |
| Current Draw   | 10ma Max                                                  |
| Temp. Limit    | 125°C                                                     |
| Press. Range   | See Table 1                                               |
| Accuracy       | +/- 2.5% of Full Scale                                    |
| Housing        | Aluminum                                                  |
| Weight         | 2 oz (not including cable)                                |
|                | Pressure P1 & P2 (Differential / Gauge)                   |
|                | Media Compatibility (Contact UMA for details)             |
|                | P1 Wet or Dry                                             |
|                | P2 Dry                                                    |

1/8" - 27 NPT Female  
with AN911 fitting added  
P1 (Wet)FAA approved label per  
part number listed (See Table 1)  
to be attached on side of housing.Vent P2 to atmosphere  
for Gauge OperationM27500-22ML3T08  
cable 8" ±1"Heat shrink  
tubingTyco/Amp  
826885-8 connector  
Connector Pin AMP#164163-2  
GOLD PLATE x 3Pin 1 Signal Ground  
(blu/wht)  
Pin 2 Power Input  
(org/wht)  
Pin 3 Signal Output  
(wht)Mates with Tyco/Amp 826886-7  
connector, included along with  
3 female gold pins

## P2 hole size

|                  |                      |
|------------------|----------------------|
| "G" Gauge        | 0.040" (#60)         |
| "D" Differential | 1/8" X 27 NPT Female |
| "A" Absolute     | 0.040" (#60)         |
| "S" Suction      | 0.040" (#60)         |

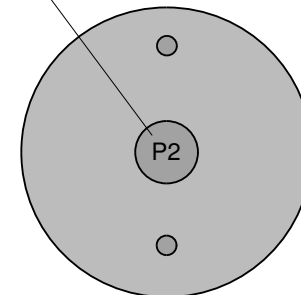


Table 2

| Absolute Press | Tolerance |
|----------------|-----------|
| In Hg          | Voltage   |
| 10             | .7        |
| 20             | .6        |
| 30             | .4        |
| 35             | .4        |
| 40             | .4        |
| 45             | .4        |
| 50             | .5        |
| 55             | .5        |
| 60             | .6        |
| 65             | .6        |
| 70             | .7        |
| 75             | .7        |
| 80             | .8        |

Table 1

| Part Number            | Range        | Max Pressure | Label No. |
|------------------------|--------------|--------------|-----------|
| T[ ]EU07[ ]-CS (D/G/S) | 0 to 07 PSI  | 29 PSI       | 15060-10  |
| T[ ]EU35[ ]-CS (D/G/S) | 0 to 35 PSI  | 145 PSI      | 15060-10  |
| T[ ]EU70[ ]-CS (D/G)   | 0 to 70 PSI  | 290 PSI      | 15060-10  |
| T[ ]EU100[ ]-CS (D/G)  | 0 to 100 PSI | 406 PSI      | 15060-10  |
| T[ ]EU150[ ]-CS (D/G)  | 0 to 150 PSI | 580 PSI      | 15060-10  |
| T[ ]EU50A-CS *         | 5 to 50 InHg | 236 InHg     | 15060-11  |
| T[ ]EU70A-CS *         | 5 to 70 Inhg | 295 InHg     | 15060-11  |

\* Absolute senders are TSO'd as "Manifold Pressure Transmitters"

|         |     |                                   |     |            |     |                                              |                                                 |                          |        |
|---------|-----|-----------------------------------|-----|------------|-----|----------------------------------------------|-------------------------------------------------|--------------------------|--------|
|         |     |                                   |     |            |     | TOLERANCES<br>EXCEPT<br>AS NOTED             | UMA Inc, 260 Main St. Dayton, VA 22821          |                          |        |
| 2022006 | F   | Corrected brackets-Part# change   | ShM | 02/25/22   |     |                                              | SCALE 1 : 1                                     | DATE: 11/2011            | SHEET  |
| 2020003 | E   | Added Brackets to Part Number     | REM | 3/2/2020   | ShM | .XX ± 0.01<br>.XXX ± 0.01<br><br>ANGULAR ±1° | SUPPLIER COMPLETE <input type="checkbox"/>      | DRAW BY ShM              | 1 of 3 |
| 2016042 | D   | Added P(PSI) to Senders           | REM | 4/5/2016   | ShM |                                              | DESCRIPTION T[ ]EU[ ][ ][ ]-CS Pressure Senders |                          |        |
| 2015003 | C   | Added absolute calibration table  | REM | 10/21/2015 | ShM |                                              |                                                 |                          |        |
| 2015002 | B   | Changed X's to [ ]'s, added label | REM | 6/1/2015   | ShM |                                              |                                                 |                          |        |
| 2014002 | A   | Add range indicator; edit W       | AB  | 12/02/2014 | ShM |                                              |                                                 |                          |        |
| ECO     | REV | DESCRIPTION                       | DR  | DATE       | APP |                                              | APP                                             | PART# T[ ]EU[ ][ ][ ]-CS | REV F  |