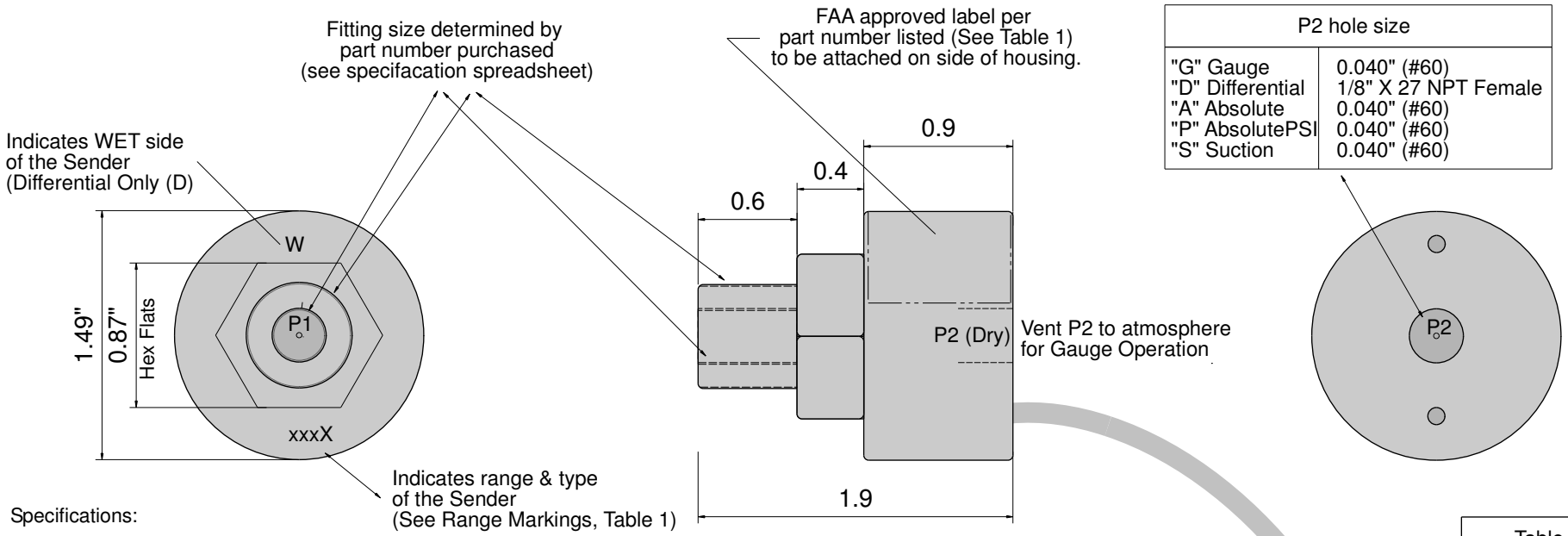
PART No: T[ ]EU[ ][ ][ ][ ]-[ ][ ][ ]	FILE: specT[ ]EU[ ][ ][ ][ ]-[ ][ ][ ]RevJ.t4g	APP. SUPPLIER:

MATERIAL:

Specification Drawing



P2 hole size	
"G" Gauge	0.040" (#60)
"D" Differential	1/8" X 27 NPT Female
"A" Absolute	0.040" (#60)
"P" AbsolutePSI	0.040" (#60)
"S" Suction	0.040" (#60)

Specifications:

Type	Pressure transducer; Differential, Gauge, Suction & Absolute
Supply Voltage	9 to 12 Volts DC
Output	Precalibrated to Customer request (0 to 5V, 0.5 to 4.5V, 0.2 to 4.7V, 0.14 to 4.03V or 0.14 to 4.55V)
Current Draw	10ma Max
Temp. Limit	125℃
Press. Range	See Table 1
Accuracy	+/- 2.5% of Full Scale (G, D, & S) Absolute (A) See Table 2
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

Cable Aproximately 2Ft in Length
MIL-W-16878 Type E 3 Conductor 24 AWG with Shield
[ ][ ] designated to length other than 2'

Table 1

Part Number	Range Markings	Range	Max Pressure	Label No.
T[ ]EU07[ ]-[ ][ ][ ] (D/G/S)	07[ ] (D/G/S)	0 to 07 PSI	29 PSI	15060-4
T[ ]EU35[ ]-[ ][ ][ ] (D/G/S)	35[ ] (D/G/S)	0 to 35 PSI	145 PSI	15060-4
T[ ]EU70[ ]-[ ][ ][ ] (D/G)	70[ ] (D/G)	0 to 70 PSI	290 PSI	15060-4
T[ ]EU100[ ]-[ ][ ][ ] (D/G)	100[ ] (D/G)	0 to 100 PSI	406 PSI	15060-4
T[ ]EU150[ ]-[ ][ ][ ] (D/G)	150[ ] (D/G)	0 to 150 PSI	580 PSI	15060-4
T[ ]EU50A-[ ][ ][ ] *	50A	5 to 50 InHg	236 InHg	15060-5
T[ ]EU70A-[ ][ ][ ] *	70A	5 to 70 Inhg	295 InHg	15060-5
T[ ]EU50P-[ ][ ][ ] *	50P	5 to 50 PSI	149 PSI	15060-5
T[ ]EU70P-[ ][ ][ ] *	70P	5 to 70 PSI	290 PSI	15060-5

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

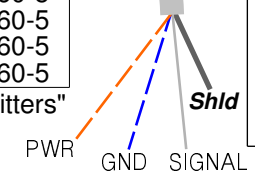


Table 2

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

ECO	REV	DESCRIPTION	DR	DATE	APP
2020003	J	Added digits to P/N	REM	3/2/2020	ShM
2015003	H	Added absolute calabration table	REM	10/21/2015	ShM
2015002	G	Changed X's to [ ]'s, added label	REM	06/01/2015	ShM
2014002	F	Add indication range of sender; edit W	AB	12/02/2014	ShM
2012003	E	N/T xEU70A-xx P/N added to Table 1	ShM	04/09/2012	
2011004	D	Specs and Table 1 added	ShM	1/24/2011	
05-0042	C	P2 hole size for "A" - Absolute added	RCB	10/19/05	
05-0008	B	HEX Flats added	RCB	5/31/05	
	A	Add temp spec; general clarification	JM	3/10/05	

TOLERANCES EXCEPT AS NOTED

.XX ± 0.01
.XXX ± 0.005

ANGULAR ±1°

UMA Inc, 260 Main St. Dayton, VA 22821

SCALE 1 : 1	DATE: 01/27/04	SHEET 1 of 5	
SUPPLIER COMPLETE ☐	DRAW BY BKD		
DESCRIPTION T[ ]EU[ ][ ][ ][ ]-[ ][ ][ ] Series Pressure Senders			
APP	PART# T[ ]EU[ ][ ][ ][ ]-[ ][ ][ ]		REV J