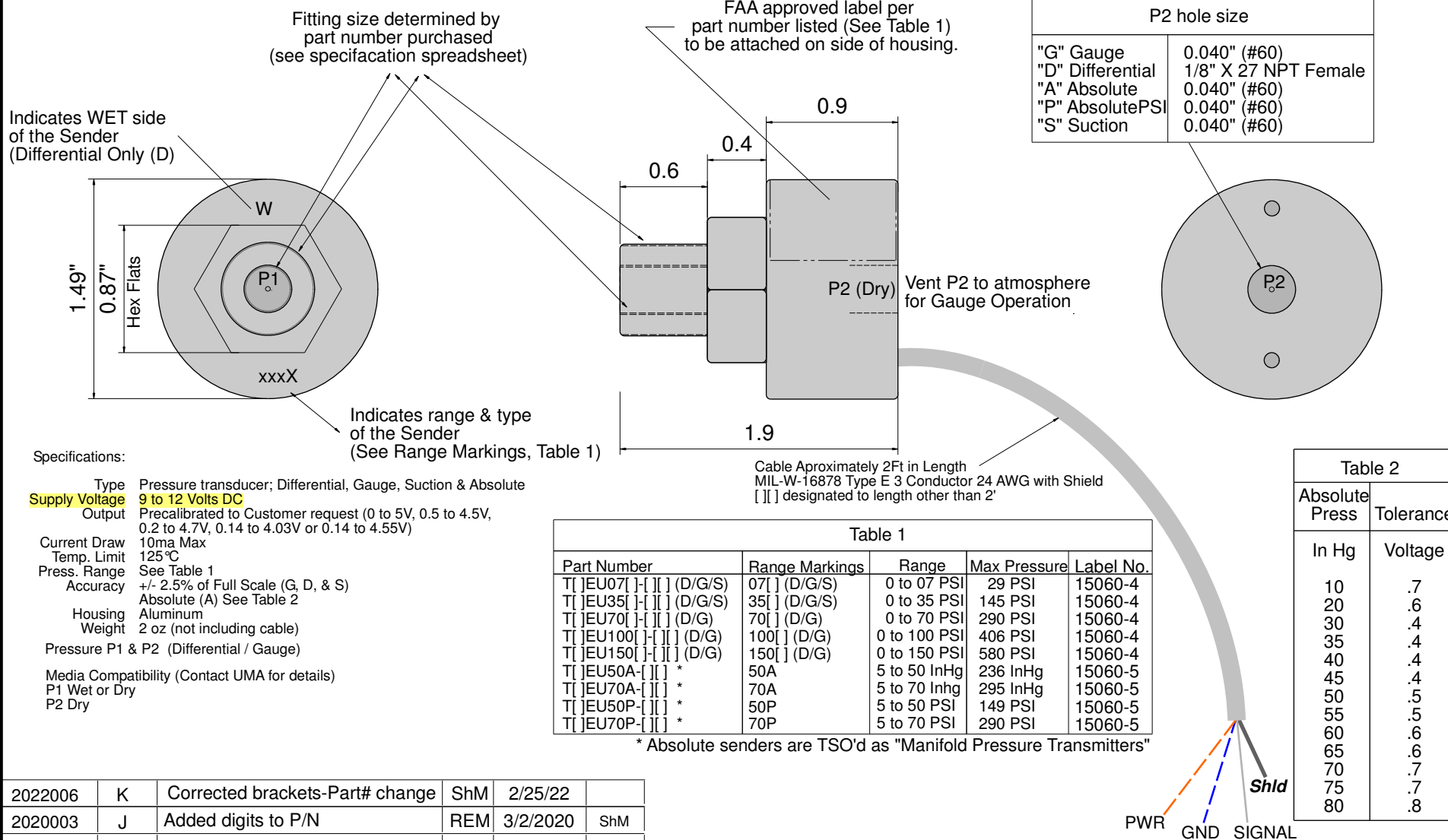


MATERIAL:

Specification Drawing



2022006	K	Corrected brackets-Part# change	ShM	2/25/22	
2020003	J	Added digits to P/N	REM	3/2/2020	ShM
2015003	H	Added absolute calibration 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	
ECO	REV	DESCRIPTION	DR	DATE	APP

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 3SUPPLIER COMPLETE ☐

DRAW BY BKD

DESCRIPTION

T[]EU[] [] [] [] [] Series Pressure Senders

APP

PART#

T[]EU[] [] [] [] []

REV

K

Part#: T[]EU[][][]-[][]		File: SpecT[]EU[][][]-[][] revK page2,3.xls		UMA Inc., 260 Main Street, Dayton VA 22821			Sheet:
SPECIFICATIONS				2 of 3			
TSO'd Pressure Sender TSO C45a and C47				“The T[]EU[][][]-[][] pressure sender must be connected to an indicating instrument which supplies power to the sender, not directly to the aircraft buss. The power from the indicating instrument shall be conditioned and regulated so as to preclude voltage spikes and other anomalies normally found on unregulated power sources”.			
Description: Solid state pressure transducer/sender							
Supply Voltage: 9-12 Volts DC (Max)							
Output: (See Cal. Tables)							
Current Draw: 10 mA (Maximum)							
Operating Temperature: -45° to 125°C							
Accuracy: ± 2.5% full scale 0°-85°C							
Housing: Aluminum							
Fittings: See Table							
Pressure Limitation: P1 must be greater than P2							
Media Connection: P1 wet or dry P2 dry only							
Electrical Connections:							
Orang/white Supply voltage							
White Output							
Blue/white Ground							
Shield Internally connected to GND							
Media compatibility: AIR-OIL-AVGAS-JETFUEL-WATER							
Weight: 2.6 oz.							

Part#: T3EU07D-1		File: SpecT3EU07D-1 revK page2,3.xls		UMA Inc., 260 Main Street, Dayton VA 22821		Sheet:																																																																																																						
SPECIFICATIONS		3 of 3																																																																																																										
TSO'd Pressure Sender TSO C45a and C47 Description: Solid state pressure transducer/sender Supply Voltage: 9-12 Volts DC (Max) Output: (See Cal. Tables) Current Draw: 10 mA (Maximum) Operating Temperature: -45° to 125°C Accuracy: ± 2.5% full scale 0°-85°C Housing: Aluminum Fittings: See Table Pressure Limitation: P1 must be greater than P2 Media Connection: P1 wet or dry P2 dry only Electrical Connections: Orang/white Supply voltage White Output Blue/white Ground Shield Internally connected to GND Media compatibility: AIR-OIL-AVGAS-JETFUEL-WATER Weight: 2.6 oz.		“The T3EU07D pressure sender must be connected to an indicating instrument which supplies power to the sender, not directly to the aircraft buss. The power from the indicating instrument shall be conditioned and regulated so as to preclude voltage spikes and other anomalies normally found on unregulated power sources”. RANGES <table><thead><tr><th>Part#</th><th>Range</th><th>Type</th><th>Pressure</th><th>Output</th><th>Fitting Size</th></tr></thead><tbody><tr><td>T3EU07D</td><td>7 PSI</td><td>DIFFERENTIAL PRESSURE</td><td>29 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU07G</td><td>7 PSI</td><td>GAUGE PRESSURE</td><td>29 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU07S</td><td>7 PSI</td><td>SUCTION</td><td>29 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU35D</td><td>35 PSI</td><td>DIFFERENTIAL PRESSURE</td><td>145 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU35G</td><td>35 PSI</td><td>GAUGE PRESSURE</td><td>145 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU35S</td><td>35 PSI</td><td>SUCTION</td><td>145 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU50A</td><td>50 InHg</td><td>ABSOLUTE PRESSURE</td><td>236 InHg</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU70D</td><td>70 PSI</td><td>DIFFERENTIAL PRESSURE</td><td>290 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU70G</td><td>70 PSI</td><td>GAUGE PRESSURE</td><td>290 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU70A</td><td>5 to 70 InHg</td><td>ABSOLUTE PRESSURE</td><td>295 InHg</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU100D</td><td>100 PSI</td><td>DIFFERENTIAL PRESSURE</td><td>406 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU100G</td><td>100 PSI</td><td>GAUGE PRESSURE</td><td>406 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU150D</td><td>150 PSI</td><td>DIFFERENTIAL PRESSURE</td><td>580 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU150G</td><td>150 PSI</td><td>GAUGE PRESSURE</td><td>580 PSI</td><td>0.5-4.5V</td><td>5/8-18 Male / 1/8 FNPT</td></tr><tr><td>T3EU07D-A</td><td>ALL RANGES</td><td>PRESSURE SENDER</td><td>!</td><td>0.5-4.5V</td><td>1/8-27 MNPT</td></tr><tr><td>T5EU70D</td><td>70 PSI</td><td>DIFFERENTIAL PRESSURE</td><td>290 PSI</td><td>0.5-5.0V</td><td>1 1/16-12 UNJ Male / 7/16-12 UNJ Female, 7/16-20 UNJF Diff.</td></tr></tbody></table>					Part#	Range	Type	Pressure	Output	Fitting Size	T3EU07D	7 PSI	DIFFERENTIAL PRESSURE	29 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU07G	7 PSI	GAUGE PRESSURE	29 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU07S	7 PSI	SUCTION	29 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU35D	35 PSI	DIFFERENTIAL PRESSURE	145 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU35G	35 PSI	GAUGE PRESSURE	145 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU35S	35 PSI	SUCTION	145 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU50A	50 InHg	ABSOLUTE PRESSURE	236 InHg	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU70D	70 PSI	DIFFERENTIAL PRESSURE	290 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU70G	70 PSI	GAUGE PRESSURE	290 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU70A	5 to 70 InHg	ABSOLUTE PRESSURE	295 InHg	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU100D	100 PSI	DIFFERENTIAL PRESSURE	406 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU100G	100 PSI	GAUGE PRESSURE	406 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU150D	150 PSI	DIFFERENTIAL PRESSURE	580 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU150G	150 PSI	GAUGE PRESSURE	580 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT	T3EU07D-A	ALL RANGES	PRESSURE SENDER	!	0.5-4.5V	1/8-27 MNPT	T5EU70D	70 PSI	DIFFERENTIAL PRESSURE	290 PSI	0.5-5.0V	1 1/16-12 UNJ Male / 7/16-12 UNJ Female, 7/16-20 UNJF Diff.
Part#	Range	Type	Pressure	Output	Fitting Size																																																																																																							
T3EU07D	7 PSI	DIFFERENTIAL PRESSURE	29 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU07G	7 PSI	GAUGE PRESSURE	29 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU07S	7 PSI	SUCTION	29 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU35D	35 PSI	DIFFERENTIAL PRESSURE	145 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU35G	35 PSI	GAUGE PRESSURE	145 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU35S	35 PSI	SUCTION	145 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU50A	50 InHg	ABSOLUTE PRESSURE	236 InHg	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU70D	70 PSI	DIFFERENTIAL PRESSURE	290 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU70G	70 PSI	GAUGE PRESSURE	290 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU70A	5 to 70 InHg	ABSOLUTE PRESSURE	295 InHg	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU100D	100 PSI	DIFFERENTIAL PRESSURE	406 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU100G	100 PSI	GAUGE PRESSURE	406 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU150D	150 PSI	DIFFERENTIAL PRESSURE	580 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU150G	150 PSI	GAUGE PRESSURE	580 PSI	0.5-4.5V	5/8-18 Male / 1/8 FNPT																																																																																																							
T3EU07D-A	ALL RANGES	PRESSURE SENDER	!	0.5-4.5V	1/8-27 MNPT																																																																																																							
T5EU70D	70 PSI	DIFFERENTIAL PRESSURE	290 PSI	0.5-5.0V	1 1/16-12 UNJ Male / 7/16-12 UNJ Female, 7/16-20 UNJF Diff.																																																																																																							
Revision: K																																																																																																												