

Product #: TxEUxxxX

File: specTxEUxxxXrevA.xls

UMA Inc., 260 Main Street, Dayton VA 22821

SPECIFICATIONS

**Pressure Transducer
TSO C47**

Description:

Solid state pressure transducer/sender

Supply Voltage: 9-12 Volts DC (Max)
 Output: *(see cal. Tables-per request)
 Current Draw: 10 mA (Maximum)
 Operating Temperature -40° to 120°C
 Accuracy: ± 2.5% full scale 0°-85°C
 Housing: Aluminum
 Fittings 1/8" NPT (both sides)
 Mounting threads: 5/8x18
 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

*Output now can be set to 0-5V, 0.5÷4.5V or 0.2÷4.7V!

Weight: 2.6 oz.

RANGES

PART#	RANGE	TYPE	Maximum Pressure
TxEU07D	0 to 7 PSI	differential	29 PSI
TxEU07S	0 to -7 PSI	suction	0÷ -20 PSI max SUCTION
TxEU07G	0 to 7 PSI	gauge	29 PSI
TxEU35D	0 to 35 PSI	differential	145 PSI
TxEU35G	0 to 35 PSI	gauge	145 PSI
TxEU70D	0 to 70 PSI	differential	290 PSI
TxEU70G	0 to 70 PSI	gauge	290 PSI
TxEU100D	0 to 100 PSI	differential	406 PSI
TxEU100G	0 to 100 PSI	gauge	406 PSI
TxEU150D	0 to 150 PSI	differential	580 PSI
TxEU150G	0 to 150 PSI	gauge	580 PSI

“The T1EUxxxx 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”.

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Reference Specification Drawing # TxEUxxxX

Specification sheet Product #: TxEUxxxX

Title: TxEU Series Pressure Sender

REV	ECO	DESCRIPTION	DATE	DR	Drawn By: EC	Date: 4/13/2006	Sheet	1 of 1	Rev.	A
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