

SPECIFICATIONS

Pressure Transducer

TSO'd, C45b and C47

Description: Ceramic Pressure Sensor (Conditioned)

Supply Voltage: 9 - 12 Volts DC With
Overvoltage Protection

Output Voltage: 1 = See Table
2 = 0-5V
3 = 0.5-4.5V

Current Draw: 40 mA (Maximum)

Operating Temperature -40° to 120°C

Accuracy: ± 2.5% Full Scale Repeatability

Housing: Aluminum

Fittings: "A"=1/8" NPT, "B"=5/8M - 1/8-27F, "C"=1/4-18M

Pressure Limitation: Burst Pressure (See Chart)

Electrical Wire Connections: (Non Shielded)

Orang/White - Supply voltage

White - Output

Blue/White - Ground

Media compatibility: AIR-OIL-AVGAS-JETFUEL-WATER

Weight with wire: 2.0 oz.

RANGES

PART#	RANGE (PSI)	TYPE	OUTPUT VOLTAGE	Burst Pressure (PSI)
T1EUMA007G-A[][]	0 to 7	GAUGE	0.2 to 4.54V	30
T1EUMA035G-A[][]	0 to 35	GAUGE	0.2 to 4.65V	101.5
T1EUMA070G-A[][]	0 to 70	GAUGE	0.2 to 4.54V	217.6
T1EUMA100G-A[][]	0 to 100	GAUGE	0.2 to 4.63V	507.6
T1EUMA150G-A[][]	0 to 150	GAUGE	0.2 to 4.85V	507.6
T1EUMA007G-B[][]	0 to 7	GAUGE	0.2 to 4.54V	30
T1EUMA035G-B[][]	0 to 35	GAUGE	0.2 to 4.65V	101.5
T1EUMA070G-B[][]	0 to 70	GAUGE	0.2 to 4.54V	217.6
T1EUMA100G-B[][]	0 to 100	GAUGE	0.2 to 4.63V	507.6
T1EUMA150G-B[][]	0 to 150	GAUGE	0.2 to 4.85V	507.6
T1EUMA007G-C[][]	0 to 7	GAUGE	0.2 to 4.54V	30
T1EUMA035G-C[][]	0 to 35	GAUGE	0.2 to 4.65V	101.5
T1EUMA070G-C[][]	0 to 70	GAUGE	0.2 to 4.54V	217.6
T1EUMA100G-C[][]	0 to 100	GAUGE	0.2 to 4.63V	507.6
T1EUMA150G-C[][]	0 to 150	GAUGE	0.2 to 4.85V	507.6
T2EUMA007G-A[][]	0 to 7	GAUGE	0 to 5.0V	30
T2EUMA010G-A[][]	0 to 10	GAUGE	0 to 5.0V	30
T2EUMA015G-A[][]	0 to 15	GAUGE	0 to 5.0V	30
T2EUMA030G-A[][]	0 to 30	GAUGE	0 to 5.0V	101.5
T2EUMA050G-A[][]	0 to 50	GAUGE	0 to 5.0V	217.6
T2EUMA060G-A[][]	0 to 60	GAUGE	0 to 5.0V	217.6
T2EUMA070G-A[][]	0 to 70	GAUGE	0 to 5.0V	217.6
T2EUMA080G-A[][]	0 to 80	GAUGE	0 to 5.0V	507.6
T2EUMA100G-A[][]	0 to 100	GAUGE	0 to 5.0V	507.6

"The T[]EUMA[][][][][][][][] 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."

T[]EUMA[][][][][][][][]

Ceramic Pressure Sensor

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Product #: T[EUMA[][][]-[][]] File: TxEUMAXxxx-xxx.xls

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Pressure Limitation: Burst Pressure (See Chart)

Electrical Wire Connections: (Non Shielded)

Orang/White - Supply voltage

White - Output

Blue/White - Ground

Media compatibility: AIR-OIL-AVGAS-JETFUEL-WATER

Weight with wire: 2.0 oz.

RANGES

PART#	RANGE (PSI)	TYPE	OUTPUT VOLTAGE	Burst Pressure (PSI)
T2EUMA130G-A[][]	0 to 130	GAUGE	0 to 5.0V	507.6
T2EUMA150G-A[][]	0 to 150	GAUGE	0 to 5.0V	507.6
T2EUMA175G-A[][]	0 to 175	GAUGE	0 to 5.0V	507.6
T2EUMA007G-B[][]	0 to 7	GAUGE	0 to 5.0V	30
T2EUMA010G-B[][]	0 to 10	GAUGE	0 to 5.0V	30
T2EUMA015G-B[][]	0 to 15	GAUGE	0 to 5.0V	30
T2EUMA030G-B[][]	0 to 30	GAUGE	0 to 5.0V	101.5
T2EUMA050G-B[][]	0 to 50	GAUGE	0 to 5.0V	217.6
T2EUMA060G-B[][]	0 to 60	GAUGE	0 to 5.0V	217.6
T2EUMA070G-B[][]	0 to 70	GAUGE	0 to 5.0V	217.6
T2EUMA080G-B[][]	0 to 80	GAUGE	0 to 5.0V	507.6
T2EUMA100G-B[][]	0 to 100	GAUGE	0 to 5.0V	507.6
T2EUMA130G-B[][]	0 to 130	GAUGE	0 to 5.0V	507.6
T2EUMA150G-B[][]	0 to 150	GAUGE	0 to 5.0V	507.6
T2EUMA175G-B[][]	0 to 175	GAUGE	0 to 5.0V	507.6
T2EUMA007G-C[][]	0 to 7	GAUGE	0 to 5.0V	30
T2EUMA010G-C[][]	0 to 10	GAUGE	0 to 5.0V	30
T2EUMA015G-C[][]	0 to 15	GAUGE	0 to 5.0V	30
T2EUMA030G-C[][]	0 to 30	GAUGE	0 to 5.0V	101.5
T2EUMA050G-C[][]	0 to 50	GAUGE	0 to 5.0V	217.6
T2EUMA060G-C[][]	0 to 60	GAUGE	0 to 5.0V	217.6
T2EUMA070G-C[][]	0 to 70	GAUGE	0 to 5.0V	217.6
T2EUMA080G-C[][]	0 to 80	GAUGE	0 to 5.0V	507.6
T2EUMA100G-C[][]	0 to 100	GAUGE	0 to 5.0V	507.6
T2EUMA130G-C[][]	0 to 130	GAUGE	0 to 5.0V	507.6
T2EUMA150G-C[][]	0 to 150	GAUGE	0 to 5.0V	507.6
T2EUMA175G-C[][]	0 to 175	GAUGE	0 to 5.0V	507.6

"The T[EUMA[][][]-[][]] 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."

T[EUMA[][][]-[][]]
Ceramic Pressure Sensor

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SPECIFICATIONS
Pressure Transducer

TSO'd, C45b and C47

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Current Draw: 40 mA (Maximum)

Operating Temperature -40° to 120°C

Accuracy: ± 2.5% Full Scale Repeatability

Housing: Aluminum

Fittings: "A"=1/8" NPT, "B"=5/8M - 1/8-27F, "C"=1/4-18M

Pressure Limitation: Burst Pressure (See Chart)

Electrical Wire Connections: (Non Shielded)

Orang/White - Supply voltage

White - Output

Blue/White - Ground

Media compatibility: AIR-OIL-AVGAS-JETFUEL-WATER

Weight with wire: 2.0 oz.

RANGES

PART#	RANGE (PSI)	TYPE	OUTPUT VOLTAGE	Burst Pressure (PSI)
T3EUMA007G-A[][]	0 to 7	GAUGE	0.5 to 4.5	30
T3EUMA010G-A[][]	0 to 10	GAUGE	0.5 to 4.5	30
T3EUMA015G-A[][]	0 to 15	GAUGE	0.5 to 4.5	30
T3EUMA030G-A[][]	0 to 30	GAUGE	0.5 to 4.5	101.5
T3EUMA050G-A[][]	0 to 50	GAUGE	0.5 to 4.5	217.6
T3EUMA060G-A[][]	0 to 60	GAUGE	0.5 to 4.5	217.6
T3EUMA070G-A[][]	0 to 70	GAUGE	0.5 to 4.5	217.6
T3EUMA080G-A[][]	0 to 80	GAUGE	0.5 to 4.5	507.6
T3EUMA100G-A[][]	0 to 100	GAUGE	0.5 to 4.5	507.6
T3EUMA130G-A[][]	0 to 130	GAUGE	0.5 to 4.5	507.6
T3EUMA150G-A[][]	0 to 150	GAUGE	0.5 to 4.5	507.6
T3EUMA175G-A[][]	0 to 175	GAUGE	0.5 to 4.5	507.6
T3EUMA007G-B[][]	0 to 7	GAUGE	0.5 to 4.5	30
T3EUMA010G-B[][]	0 to 10	GAUGE	0.5 to 4.5	30
T3EUMA015G-B[][]	0 to 15	GAUGE	0.5 to 4.5	30
T3EUMA030G-B[][]	0 to 30	GAUGE	0.5 to 4.5	101.5
T3EUMA050G-B[][]	0 to 50	GAUGE	0.5 to 4.5	217.6
T3EUMA060G-B[][]	0 to 60	GAUGE	0.5 to 4.5	217.6
T3EUMA070G-B[][]	0 to 70	GAUGE	0.5 to 4.5	217.6
T3EUMA080G-B[][]	0 to 80	GAUGE	0.5 to 4.5	507.6
T3EUMA100G-B[][]	0 to 100	GAUGE	0.5 to 4.5	507.6
T3EUMA130G-B[][]	0 to 130	GAUGE	0.5 to 4.5	507.6
T3EUMA150G-B[][]	0 to 150	GAUGE	0.5 to 4.5	507.6
T3EUMA175G-B[][]	0 to 175	GAUGE	0.5 to 4.5	507.6

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T[]EUMA[][][]-[][][]

Ceramic Pressure Sensor

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SPECIFICATIONS

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Operating Temperature -40° to 120°C
Accuracy: ± 2.5% Full Scale Repeatability

Housing: Aluminum
Fittings: "A"=1/8" NPT, "B"=5/8M - 1/8-27F, "C"=1/4-18M
Pressure Limitation: Burst Pressure (See Chart)

Electrical Wire Connections: (Non Shielded)
Orang/White - Supply voltage
White - Output
Blue/White - Ground

Media compatibility: AIR-OIL-AVGAS-JETFUEL-WATER

Weight with wire: 2.0 oz.

RANGES

PART#	RANGE (PSI)	TYPE	OUTPUT VOLTAGE	Burst Pressure (PSI)
T3EUMA007G-C[][]	0 to 7	GAUGE	0.5 to 4.5	30
T3EUMA010G-C[][]	0 to 10	GAUGE	0.5 to 4.5	30
T3EUMA015G-C[][]	0 to 15	GAUGE	0.5 to 4.5	30
T3EUMA030G-C[][]	0 to 30	GAUGE	0.5 to 4.5	101.5
T3EUMA050G-C[][]	0 to 50	GAUGE	0.5 to 4.5	217.6
T3EUMA060G-C[][]	0 to 60	GAUGE	0.5 to 4.5	217.6
T3EUMA070G-C[][]	0 to 70	GAUGE	0.5 to 4.5	217.6
T3EUMA080G-C[][]	0 to 80	GAUGE	0.5 to 4.5	507.6
T3EUMA100G-C[][]	0 to 100	GAUGE	0.5 to 4.5	507.6
T3EUMA130G-C[][]	0 to 130	GAUGE	0.5 to 4.5	507.6
T3EUMA150G-C[][]	0 to 150	GAUGE	0.5 to 4.5	507.6
T3EUMA175G-C[][]	0 to 175	GAUGE	0.5 to 4.5	507.6
T1EUMA50A-A[][]	5 to 50 InHg	ABSOLUTE	0.22 to 4.03V	101.5
T1EUMA70A-A[][]	5 to 70 InHg	ABSOLUTE	0.14 to 4.55V	217.6
T1EUMA50A-B[][]	5 to 50 InHg	ABSOLUTE	0.22 to 4.03V	101.5
T1EUMA70A-B[][]	5 to 70 InHg	ABSOLUTE	0.14 to 4.55V	217.6
T1EUMA50A-C[][]	5 to 50 InHg	ABSOLUTE	0.22 to 4.03V	101.5
T1EUMA70A-C[][]	5 to 70 InHg	ABSOLUTE	0.14 to 4.55V	217.6
T2EUMA50A-A[][]	5 to 50 InHg	ABSOLUTE	0 to 5.0V	101.5
T2EUMA70A-A[][]	5 to 70 InHg	ABSOLUTE	0 to 5.0V	217.6
T2EUMA105A-A[][]	5 to 105 InHg	ABSOLUTE	0 to 5.0V	217.6
T2EUMA50A-B[][]	5 to 50 InHg	ABSOLUTE	0 to 5.0V	101.5
T2EUMA70A-B[][]	5 to 70 InHg	ABSOLUTE	0 to 5.0V	217.6
T2EUMA105A-B[][]	5 to 105 InHg	ABSOLUTE	0 to 5.0V	217.6
T2EUMA50A-C[][]	5 to 50 InHg	ABSOLUTE	0 to 5.0V	101.5
T2EUMA70A-C[][]	5 to 70 InHg	ABSOLUTE	0 to 5.0V	217.6

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T[]EUMA[][][]-[][][]
Ceramic Pressure Sensor

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SPECIFICATIONS
Pressure Transducer
TSO'd, C45b and C47
Description: Ceramic Pressure Sensor (Conditioned)

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Overvoltage Protection

Output Voltage: 1 = See Table
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Current Draw: 40 mA (Maximum)
Operating Temperature -40° to 120°C
Accuracy: ± 2.5% Full Scale Repeatability
Housing: Aluminum
Fittings: "A"=1/8" NPT, "B"=5/8M - 1/8-27F, "C"=1/4-18M
Pressure Limitation: Burst Pressure (See Chart)

Electrical Wire Connections: (Non Shielded)
Orang/White - Supply voltage
White - Output
Blue/White - Ground

Media compatibility: AIR-OIL-AVGAS-JETFUEL-WATER
Weight with wire: 2.0 oz.

RANGES				
PART#	RANGE (InHg)	TYPE	OUTPUT VOLTAGE	Burst Pressure (PSI)
T2EUMA105A-C[][]	5 to 105 InHg	ABSOLUTE	0 to 5.0V	217.6
T3EUMA50A-A[][]	5 to 50 InHg	ABSOLUTE	0.5 to 4.5V	101.5
T3EUMA70A-A[][]	5 to 70 InHg	ABSOLUTE	0.5 to 4.5V	217.6
T3EUMA105A-A[][]	5 to 105 InHg	ABSOLUTE	0.5 to 4.5V	217.6
T3EUMA50A-B[][]	5 to 50 InHg	ABSOLUTE	0.5 to 4.5V	101.5
T3EUMA70A-B[][]	5 to 70 InHg	ABSOLUTE	0.5 to 4.5V	217.6
T3EUMA105A-B[][]	5 to 105 InHg	ABSOLUTE	0.5 to 4.5V	217.6
T3EUMA50A-C[][]	5 to 50 InHg	ABSOLUTE	0.5 to 4.5V	101.5
T3EUMA70A-C[][]	5 to 70 InHg	ABSOLUTE	0.5 to 4.5V	217.6
T3EUMA105A-C[][]	5 to 105 InHg	ABSOLUTE	0.5 to 4.5V	217.6

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T[EUMA][][][]-[][]
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