



Wiring Data Information														
Mini DIN Connector PIN Function					Cable Connector WIRE Function					M12 PIN Function				
Signal Output	Pin 1	Pin 2	Pin 3	Pin 4	Signal Output	RED	GREEN	BLACK	WHITE	Signal Output	Pin 1	Pin 2	Pin 3	Pin 4
mA	Supply V+	Pressure Output	Temp output	N/A	mA	Supply V+	Pressure Output	N/A	Temp output	mA	Supply V+	Pressure Output	N/A	Temp output
V	Supply V+	Pressure Output	Temp output	Common	V	Supply V+	Pressure Output	Common	Temp output	V	Supply V+	Pressure Output	Common	Temp output

The **PTT** Pressure / Temperature Transducer in one, offers high quality, high stability, stainless steel compact design, ideal for the industrial environment

Sensing Element: Ceramic core and PT100 temperature sensor

ELECTRICAL:

4 - 20mA 10 - 30 vdc (3 wire)
 0 - 5V, 10 - 30 vdc (4 wire)
 0 - 10V 12 - 30 vdc (4 wire)
 0.2 - 10.2 V 12 - 30 vdc (4 wire)

PRESSURE ACCURACY:

± 1.0% (Full Scan)

TEMPERATURE ACCURACY:

± 1.0% (Full Scan)

PROTECTION:

IP65 with DIN, Cable, M12x1

OVERVOLTAGE: 30 VC

REVERSE OVERVOLTAGE: -30 VC

RESPONSE TIME:

<10 milliseconds

AMBIENT TEMPERATURE:

-4° to 185°F (-20° to 85°C)

STORAGE TEMPERATURE:

-40° to 212°F (-40° to 100°C)

INSULATION:

>100m Ω@100VDC

VIBRATION:

10g, 5 ~ 200Hz

SHOCK:

20g, 11ms half sine

PRESSURE / TEMPERATURE RANGE:

0 - 30 (0-2 Bar) to 0/8700 PSI (0 - 600 Bar)
 -40° to 221°F (-40° to 105°C)

OVERLOAD PRESSURE:

1.5 X Full Scan

BURST PRESSURE:

2X Full Scan

MATERIAL:

Wetted Area: Ceramic
 Body: 304 Stainless Steel

MEDIUM COMPATIBILITY:

Corrosive medium compatible with
 Cr18Ni9Ti, ceramics

ORDERING INFORMATION

PTT	- A	- 0/3000	- (-40/221F)	- 4M	- M
Model	Type	Pressure Range	Temperature Range	Port Size	Terminal
PTT	A: 4 - 20 mA (3 wire) B: 0 - 5VDC (4 wire) C: 0 - 10VDC (4 wire) N: 0.2 - 10.2VDC (4 wire)	Specify Pressure Range Required	Specify Temperature Range Required (°F or °C)	4M - 1/4 NPT 4S - 7/16 x 20 SAE Male 4G - 1/4 BSPP (undercut for o-ring seal) 4GS- 1/4 BSPP (no undercut) Consult Factory for other sizes	C - Cable (39" long) M - M12X1 HC- DIN 43650A Cable Clamp