

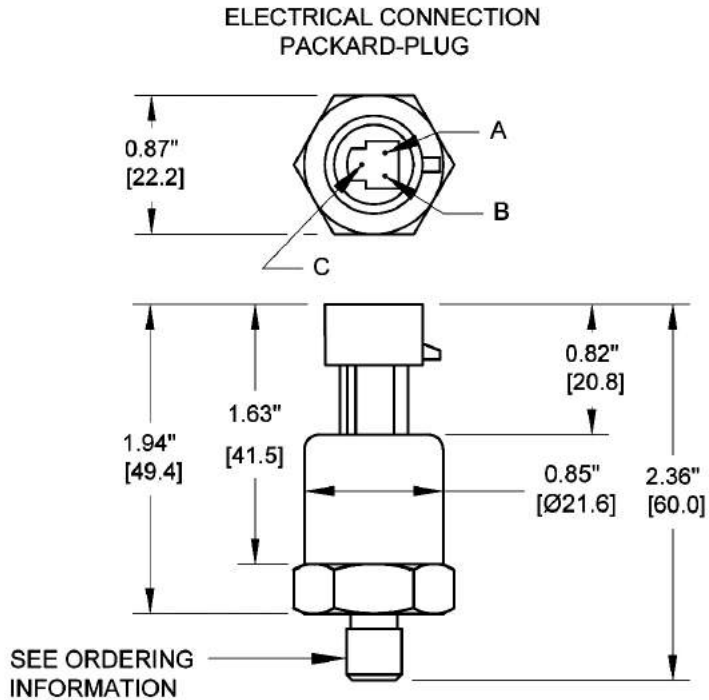
Sensors Inc.

# YTC Pressure Transducer



Sensing Element: Ceramic

Packard Plug PIN/WIRE Function			
Signal Output	A/BLACK	B/RED	C/GREEN
mA	N/A	Supply V+	Output
V	Common	Supply V+	Output



The YTC pressure transducers offer high quality, high stability, stainless steel compact design for use in air compressors, air conditioning and refrigeration equipment, automotive, hydraulic control.

**ELECTRICAL:**

Output: 4 - 20 mA (2 wire)  
0.5 - 4.5V (3 wire)  
Supply: 12 - 30 VDC

**PROTECTION:**

IP67

**PRESSURE RANGE:**

0 - 750 PSI  
(0 - 50 Bar)  
(See XTC for Higher Pressure Model)

**OPERATE TEMPERATURE:**

-40° to 248°F (-40° to 120°C)

**STORAGE TEMPERATURE:**

-58° to 257°F (-50° to 125°C)

**COMPENSATION TEMPERATURE:**

14° to 176°F (-10° to 80°C)

**ACCURACY:**

± 1% (Full Scan)

**RESPONSE TIME:**

<10 milliseconds

**OVERLOAD PRESSURE:**

150% (Full Scan)

**INSULATION:**

>100m Ω @ 50V

**MATERIAL:**

Wetted Area: Ceramic  
Body: 304 Stainless Steel

**MEDIUM COMPATIBILITY:**

Corrosive medium compatible with Cr18Ni9Ti, and ceramic

**ORDERING INFORMATION**

*Minimum Order Required - Consult Factory*

YTC	- A	- 0/750	- 4M	- PP
Model	Type	Pressure Range	Connection	Terminal
YTC	A: 4 - 20 mA (2 wire) D: 0.5 - 4.5V (3 wire)	Specify Pressure Range Required  <i>Note: Standard Ranges 0/150 PSI, 0/300 PSI, 0/600 PSI, 0/750 PSI</i>  Consult Factory for Other Ranges	2M - 1/8" NPT 4M - 1/4" NPT 4S - 7/16X20 SAE Male	PP - Packard Plug (With 22" long Mating Connector Cable)