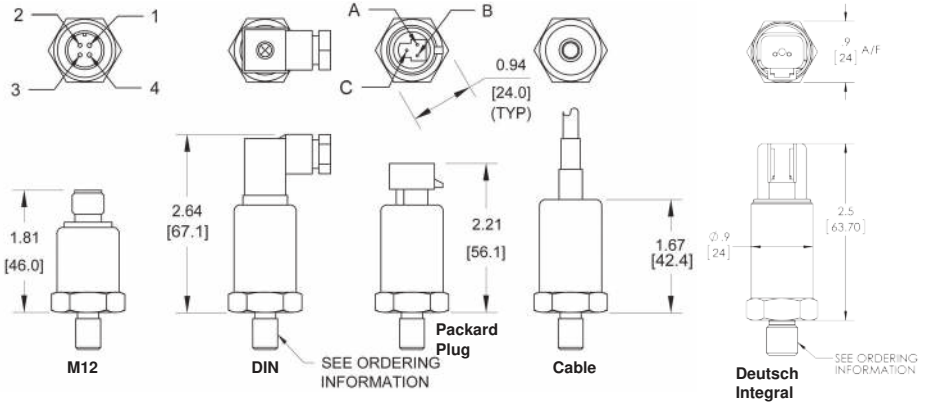


**Sensors Inc.**

# XTC Pressure Transducer



**Sensing Element: Ceramic**



Wiring Data Information												
DIN Connector PIN Function					Cable Connector WIRE Function					Deutsch Pin Wiring		
Signal Output	Pin 1	Pin 2	Pin 3	Pin 4	Signal Output	RED	BLUE	YELLOW	BLACK	Signal Output	Pin 1	Pin 2
mA	Supply V+	Output	N/A	N/A	mA	Supply V+	Output	N/A	N/A	mA	Supply V+	Output
V	Supply V+	Common	Output	N/A	V	Supply V+	Output	Common	N/A	V	N/A	N/A
M12 PIN Function					Packard Plug PIN/WIRE Function							
Signal Output	Pin 1	Pin 2	Pin 3	Pin 4	Signal Output	A/BLACK	B/RED	C/GREEN				
mA	Supply V+	Output	N/A	N/A	mA	N/A	Supply V+	Output				
V	Supply V+	Common	Output	N/A	V	Common	Supply V+	Output				

The XTC pressure transducers offer high quality, high stability, stainless steel compact design, ideal for the industrial environment. The transducers are widely used in air compressors, air conditioning and refrigeration equipment, automotive and hydraulic control.

**ELECTRICAL:**

Output: 4 - 20mA (2 wire)  
 0 - 5V, 0 - 10V, 0.5 - 4.5V,  
 1 - 5V (3 wire)  
 Supply: 12 - 30 VDC (2 wire), 5 VDC,  
 10 - 30 VDC (3 wire)

**PROTECTION:**

IP68 Cable, Packard Plug and M12  
 IP67 with DIN  
 IP69 Deutsch Integral

**PRESSURE RANGE:**

0 - 8700 PSI (0 - 600 Bar)  
 For Packard Plug below 750  
 PSI See YTC Transducer

**OPERATE TEMPERATURE:**

-40° to 212°F (-40° to 100°C)

**STORAGE TEMPERATURE:**

-58° to 257°F (-50° to 125°C)

**COMPENSATION TEMPERATURE:**

14° to 176°F (-10° to 80°C)

**ACCURACY:**

± 0.5% (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**

XTC	- A	- 0/3000	- 4M	- HCM
Model	Type	Pressure Range	Connection	Terminals
XTC	A: 4 - 20mA (2 wire) B: 0 - 5V (3 wire) C: 0 - 10V (3 wire) D: 0.5 - 4.5V (3 wire) E: 1 - 5V (3 wire)	Specify Pressure Range Required  <i>Note: Standard Ranges</i> 0/100 PSI, 0/300 PSI, 0/600 PSI, 0/1500 PSI, 0/3000 PSI, 0/5000 PSI, 0/6000 PSI, 0/8700 PSI  <b>Consult Factory for Other Ranges</b>	4M - 1/4 NPT 4S - 7/16 X 20 SAE MALE 4G - 1/4 BSPP*  *Non Standard	PP - Packard Plug M - M12X1 C - 39" (1 Meter) Cable (Std) H - DIN 43650C Male Half Only HCM - DIN 43650C Mini DIN HCM.A - DIN Light NO/NC 110V HCM.B - DIN Light NO/NC 12VDC HCM.C - DIN Light NO/NC 24VDC HCM.D - Indicating Light Green/Red DI - Deutsch Integral (Available in 4 - 20mA 2 wire ONLY)