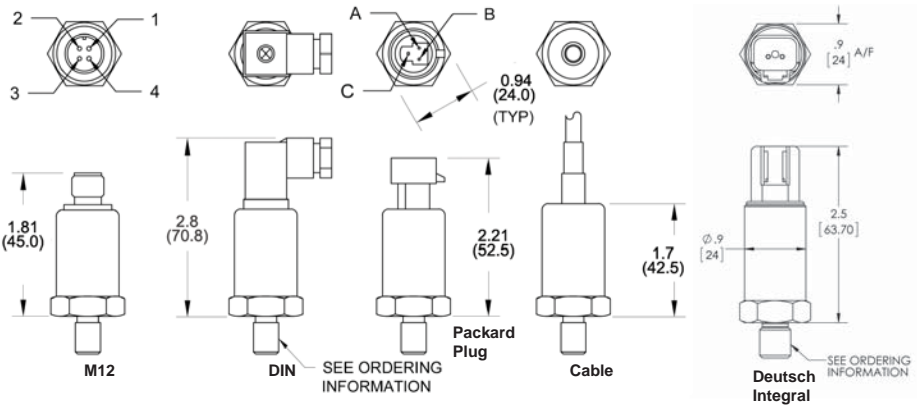




Sensing Element: Ceramic



Wiring Data Information													
DIN Connector PIN Function (- 81)					Cable Connector WIRE Function (- 80)					Deutsch 2 Pin Wiring (- 80)			
Signal Output	Pin 1	Pin 2	Pin 3	Pin 4	Signal Output	RED	GREEN / BLUE	BLACK	YELLOW	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 (- 82)					Packard Plug PIN/WIRE Function (- 89)				Deutsch 3 Pin Wiring (- 81)				
Signal Output	Pin 1	Pin 2	Pin 3	Pin 4	Signal Output	A/BLACK	B/RED	C/GREEN	Signal Output	Pin A	Pin B	Pin C	
mA	Supply V+	N/A	Output	N/A	mA	N/A	Supply V+	Output	mA	N/A	N/A	N/A	
V	Supply V+	N/A	Output	Common	V	Common	Supply V+	Output	V	V+	Common	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, 1 - 5V
 0.5 - 4.5V (ratiometric)
 Supply: 12 - 30 vdc (2 wire)*
 8 - 30 vdc (3 wire)*
 12 - 30 vdc (3 wire)*
 8 - 30 vdc (3 wire)*
 5 vdc(+/-0.25V) (3 wire)
 (* Do not exceed 35VDC, with the exception of 0.5-4.5V)

ACCURACY:

± 0.5% (Full Scan)

PROTECTION:

IP65 with DIN
 IP67 with Packard Plug, Cable
 M12X1, Integral Deustch

RESPONSE TIME:

<10 milliseconds

OPERATING TEMPERATURE:

-40° to 212°F (-40° to 100°C)

COMPENSATION TEMPERATURE:

14° to 176°F (-10° to 80°C)

STORAGE TEMPERATURE:

-58° to 257°F (-50° to 125°C)

INSULATION:

>100m Ω@50V

PRESSURE RANGE:

0- 30 to 0-3500 PSI (0 - 2 bar to 0-241 Bar)

OVERLOAD PRESSURE:

150% Full Scan

MATERIAL:

Wetted Area: Ceramic
 Body: 304 Stainless Steel

MEDIUM COMPATIBILITY:

Corrosive medium compatible with Cr18Ni9Ti,ceramics

MECHANICAL LIFE:

10 million cycles

ORDERING INFORMATION

XTC	- A	- 0/3000	- 4M	- HCM	- 80 *
Model	Type	Pressure Range	Port Size	Terminal	Pin Out
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 (Minimum range is 0/30 psi)</i> 0/100 PSI, 0/300 PSI, 0/600 PSI, 0/1500 PSI, 0/3000 PSI, 0/3500 PSI, Consult Factory for Other Ranges	4M - 1/4 NPT 4S - 7/16 X 20 SAE MALE 2G - 1/8 BSPP* 4G - 1/4 BSPP* (undercut for an o-ring seal) 4GS- 1/4 BSPP* (no undercut) *Non Standard	PP - Packard Plug M - M12X1 C - 39" (1 Meter) Cable (Std) HCM - DIN 43650C Mini DIN DI - Deutsch Integral (2 & 3 pin) 4DI - Deutsch Integral (4 pin)	See Above Wire Data Information * For other Electrical Pin Out options refer to page 48