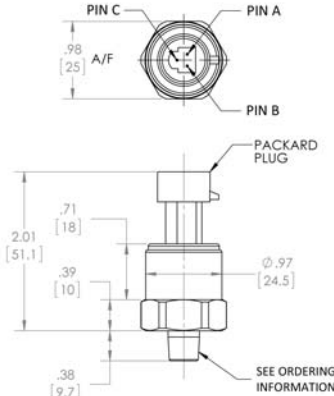




Sensing Element: Ceramic Capacitive



(See ordering information for other termination options)

Wiring Data Information												
DIN Connector PIN Function (- 81)					Cable Connector WIRE Function (- 85)				Deutsch 2 Pin Wiring (- 80)			
Signal Output	Pin 1	Pin 2	Pin 3	Pin 4	Signal Output	RED	BLACK	YELLOW	Signal Output	Pin 1	Pin 2	
mA	Supply V+	Output	N/A	N/A	mA	Supply V+	Output	N/A	mA	Supply V+	Output	
V	Supply V+	Common	Output	N/A	V	Supply V+	Common	Output	V	N/A	N/A	
M12 PIN Function (- 81)					Packard Plug PIN/WIRE Function (- 81 )				Deutsch 3 Pin Wiring (- 80)			
Signal Output	Pin 1	Pin 2	Pin 3	Pin 4	Signal Output	PIN A	PIN B	PIN C	Signal Output	Pin A	Pin B	Pin C
mA	Supply V+	Output	N/A	N/A	mA	Supply V+	Output	N/A	mA	N/A	N/A	N/A
V	Supply V+	Common	Output	N/A	V	Supply V+	Common	Output	V	V+	Output	Common

The VTC pressure transducer offers high quality, stainless steel, high stability, compact design for use in air compressors, air conditioning and refrigeration equipment, automotive and hydraulic controls.

**ELECTRICAL:**

OUTPUT:  
4 - 20 mA  
0-5V  
1-5V  
0-10V  
0.5 - 4.5 V

SUPPLY:  
9 - 30 VDC (2 wire)  
9 - 30 VDC (3 wire)  
9 - 30 VDC (3 wire)  
12 - 30 VDC (3 wire)  
5 VDC (3 wire)

**ACCURACY:**

1.0%

**PROTECTION:**

IP67 with DIN, Packard Plug, Cable, M12X1, Integral Deutsch

**OPERATING TEMPERATURE:**

-40° to 257°F (-40° to 125°C)

**COMPENSATION TEMPERATURE:**

-4° to 158°F (-20° to 70°C)

**RESPONSE TIME:**

<1 millisecond

**PRESSURE RANGE:**

0/75(0/5 Bar) up to 0/2000 PSI (0 - 138 Bar)  
(See ordering information below)

**OVERLOAD PRESSURE:**

1.5 X Full Scan

**BURST PRESSURE:**

3.0 X Full Scan

**MATERIAL:**

Wetted Area: Ceramic  
Body: 304 Stainless Steel

**ORDERING INFORMATION**

VTC	- D	- 0/150	- 4M	- PP	- 81 *
Model	Type	Pressure Range	Connection	Terminal	Pin Out
VTC	A: 4 - 20 mA (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  0/75 PSI, 0/150 PSI 0/200 PSI, 0/250 PSI 0/300 PSI, 0/500 PSI 0/750 PSI, 0/1000 PSI 0/1500 PSI, 0/2000 PSI Consult Factory for Other Ranges Also available in Bar, Consult Factory	2M - 1/8" NPT 4M - 1/4" NPT 4S - 7/16 X 20 SAE Male 6S - 9/16 X 18 SAE Male 4G - 1/4 BSPP (undercut for an o-ring seal) 4GS- 1/4 BSPP (no undercut)  Consult Factory for Other Sizes	PP - Packard Plug M - M12X1 C - 39" (1 Meter) Cable (Std) HCM - DIN 43650C Mini DIN DI - Deutsch Integral	* Standard Pin out as noted above  For other Electrical Pin Out options refer to page 48