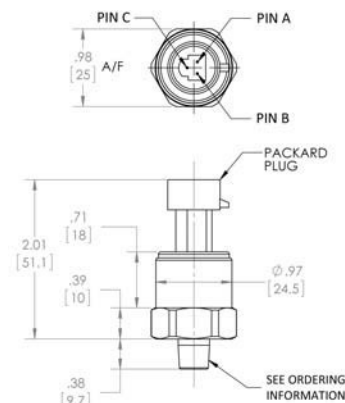


VTC Pressure Transducer



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:	SUPPLY:
4 - 20 mA	9 - 30 VDC (2 wire)
0-5V	9 - 30 VDC (3 wire)
1-5V	9 - 30 VDC (3 wire)
0-10V	12 - 30 VDC (3 wire)
0.5 - 4.5 V	5 VDC (3 wire)

ACCURACY:

± 0.5% (Full Scan)

PROTECTION:

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

OPERATING TEMPERATURE:

-40° to 275°F (-40° to 135°C)

COMPENSATION TEMPERATURE:

-4° to 158°F (-20° to 70°C)

RESPONSE TIME:

<1 millisecond

PRESSURE RANGE:

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 36

