

**NEW**

The TDH30 Series  
Low Cost OEM Pressure  
Transducer



SERIES: TDH30

**APPLICATIONS**

- Hydraulic / Mobile Hydraulic
- Pneumatic Systems
- Food and Beverage Industry
- Refrigeration Systems
- Pumps and Compressors
- Energy and water management
- Construction and Agricultural Equipment

**DESCRIPTION**

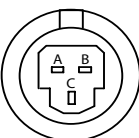
The TDH30 Series Pressure Transducer utilizes piezoresistance technology in an all stainless steel body. It is compact in size, has long term stability, ease of installation and is very economical as well as reliable.

The TDH30 sets a new price-performance standard for low cost, high volume commercial and industrial applications.

**FEATURES**

- Vacuum to 10,000 psi Range
- Various Outputs
- Compact Design
- 316 Stainless steel Wetted Parts
- Low Cost
- Industrial 1% Accuracy
- Custom Outputs and Ranges Available
- OEM Tested and Approved

**ELECTRICAL CONNECTIONS**

Signal	Function	Color	Pin	Electrical Connector DIN 4 pin (9.4)
0-5V	Supply V + Com Output N/A	Red Black White N/A	1 2 3 4	
4-20mA	Supply V Output	Red Black	1 2	
Signal	Function	Color	Pin	3 pin Packard 
0-5V	Com Supply + Output +	- - -	A B C	
4-20mA	Output Supply +	- -	A B	

## SPECIFICATIONS

### Input

Supply Voltage	12-36 VDC
Pressure Range	Vac to 10,000 psi
Proof Pressure	1.5 x full scale
Burst Pressure	3 x full scale
Fatigue Life	More than 4 million cycles

### Performance

Accuracy	1% *
Long Term Drift	0.2% full scale
Compensated Temperatures	-10 to 75 °C (14 to 167 ° F)
Operating Temperatures	-20 to 80 °C (-4 to 176 ° F)
Zero and Span Offset Tolerance	0.5%

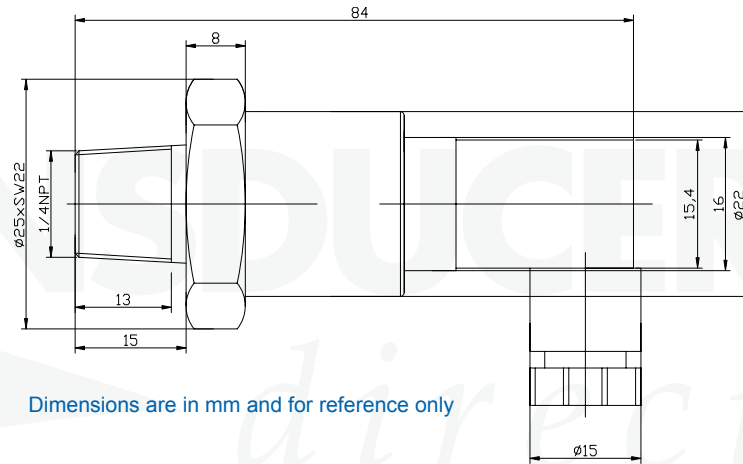
### Mechanical Configuration

Pressure Port	1/4 NPT (standard) *
Electrical Connection	9.4 mini DIN, 3 pin Packard *
Wetted Parts	316 stainless steel

Mating connectors and cable assemblies sold separately

\* = Consult factory for further OEM options

### Dimensions



Dimensions are in mm and for reference only

## ORDERING

Series	Output	Pressure Type	Pressure Range	Pressure Port	Electrical Connection	Accuracy
TDH30	B	G	0500 psi	03	D	4
	B= 4-20mA C= 0-5V (3 wire) **	G = Gauge	0100 0250 0500 1000 2500 5000 **	03= 1/4" NPT Male **	D= 4 pin Mini 9.4 DIN B= 3 pin Packard (0-5V output) B3= 3 pin Packard (4-20mA output) **	4= 1% **

\*\*= Consult factory for further OEM options

Pressure ranges listed above are quick ship versions