

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

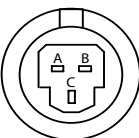
The TDH30 Series Pressure Transducer utilizes piezoresistance technology in an all stainless steel body. It is compact in size, has long term stability, ease of installation and is very economical as well as reliable.

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

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

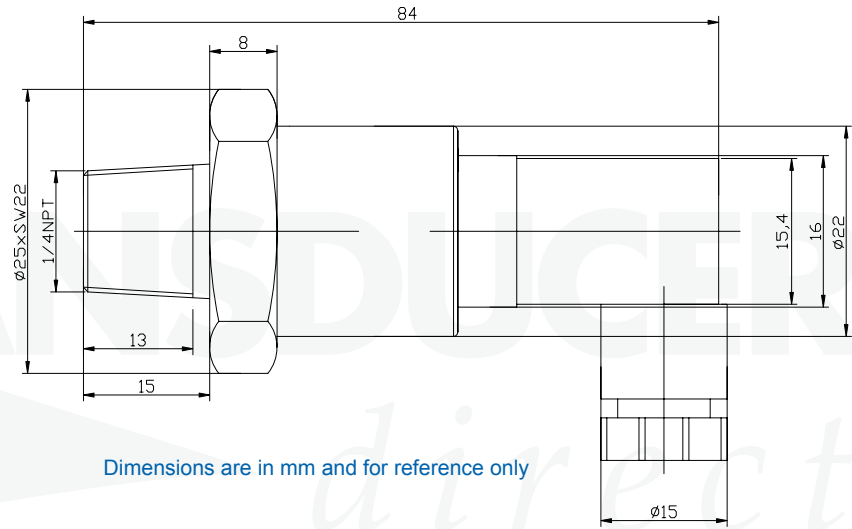
Accuracy	1% *
Long Term Drift	0.2% full scale
Compensated Temperatures	-10 to 75 °C (14 to 167 °F)
Operating Temperatures	-20 to 80 °C (-4 to 176 °F)
Zero and Span Offset Tolerance	0.5%

Mechanical Configuration

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

* = Consult factory for further OEM options

Dimensions



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