



Embedded System Laboratories Pvt. Ltd.

(An ISO 9001:2015 certified company)

86, Lane No. 7, Near Laxmi Dairy, Gurudwara Road, Jawahar Colony,
N.I.T. Faridabad - 121005, Haryana, India

Phone :- +91-129-2230671 Mob. +91-9811482048, 9311482051

Website :- www.eslpl.com E-mail :- eslfaridabad@yahoo.com

PRESSURE TRANSDUCER

DESCRIPTION

EP are high performance, low cost, diaphragm pressure transducer with excellent sensitivity and repeatability. The design is suggested for the Hydraulic & Pneumatic measurements

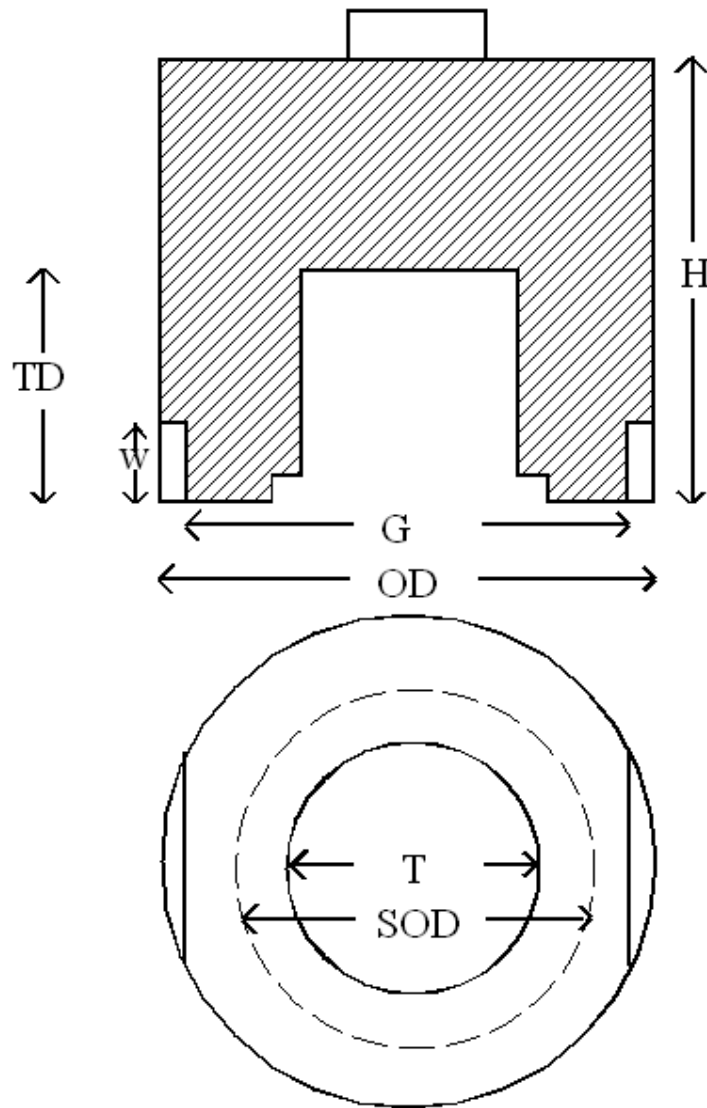
APPLICATIONS

Hydraulic Universal Testing Machine, Hydraulic Compression Testing Machine, Hydraulic Cranes, Digital Pressure Switch etc.



PERFORMANCE SPECIFICATION

Rated Capacities (kg/cm ²)	50 to 1500 kg/cm ²
Rated Output	1.5mV/V±10%
Non-linearity	< ± 0.2% of Full Scale
Creep (30 Mins)	< ± 0.2% of Full Scale
Zero	< ± 2% of Full Scale
Hysteresis	< ± 0.05% of Full Scale
Repeatability	< ± 0.05% of Full Scale
Compensated Temp. Range	10°C to 50°C
Operating Temp. range	0°C to 60°C
Safe Overload	150 % of Rated Capacity
Input Impedance	400 ± 30 Ohms
Output Impedance	350 ± 3 Ohms
Insulation Resistance	> 2000 Mohms (50 VDC)
Recommended Excitation	5 - 12 VDC
Maximum Excitation	15 VDC
Pin Configuration	Pin No. 1 : -ve (Blue/Black) Pin No. 2 : +ve (Red) Pin No. 3 : Shield Pin No. 4 : +ve signal (Green) Pin No. 5 : -ve signal (Yellow/White)



DIMENSIONS:-

Model No	Capacity (kg/cm ²)	H	TD	W	G	OD	SOD	T
EP1	50 to 1500	60.2 (2.37)	30 (1.19)	8.9 (0.35)	37.7 (1.49)	48 (1.89)	34.9 (1.37)	24.5 (0.75) BSP

All dimensions are in mm (inch)

Specification subject to change without notice.

FEATURES

Special grade electro-less nickel-plated tool steel construction

Economically priced, low cost

High Accuracy 1%

Wide capacity range 50 kg/cm² to 1500 kg/cm²