- **Miniature design** Ø14 mm
- **Lightweight stainless steel construction**
- **Long life, high performance**

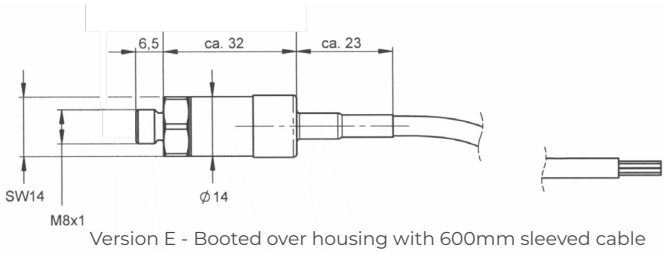
The EPT1400 is a high quality all stainless steel pressure transducer intended for use in the measurement of gases and liquids compatible with stainless steel.

The miniature design uses a hermetically welded, thin film measuring cell, coupled with high level output circuitry that is suitable for some of industries harshest environments, including automotive, industrial hydraulics,refrigeration, offroad, construction and agricultural applications.

The EPT1400 offers measurement in gauge pressure, up to 250 bar and is backed by a one-year warranty.

Specifications	
Performance	
Accuracy @ RT	< +/-0.8%
Stability (1 Year)	< ± 0.1 %
Overrange pressure	up to 4x rated pressure
Burst pressure	up to 6x rated pressure
Pressure cycles	> 10 million
Pressure response time	<1ms
Environment	
Temperature	-40° to 125°C
Shock	1000 G, 11 msec., 1/2 Sine
Vibration	25 G peak, 20 to 2000 Hz
Sealing	IP 67
Electronics	
Excitation for output pressure	5 VDC for 0.5 - 4.5 V output, 10 - 32 VDC for 0.5 – 4.5 V
Current consumption	< 10 mA
Reverse voltage protection	Yes
Mechanics	
Wetted parts	17-4PH stainless steel
Housing	304 stainless steel
Pressure port	see select table
Electrical connection	see select table
Weight	ca. 40 g

Dimensions



Version E - Booted over housing with 600mm sleeved cable

Version E - with 600mm sleeved cable

Output	Red	Black	White
Pressure 0.5-4.5V	+ Pressure	- Pressure	Output pressure

Ordering information

(Please use the characters in the chart below to create your product code)

Sample Code EPT1400 - K - 01000 - B - 4 - A

Port Configuration

K	M8 x 1

Measurement Range

See table below*

Pressure Unit

B	gauge pressure

Output signal

4	0,5...4,5 V with 10-32 V supply)
5	0.5...4.5 V with 5V supply voltage

Electrical Connection

A	600mm cable
E	Booted with 600m sleeved cable

*** Measurement Range**

Bar	2	6	10	16	25	40	50	60	100	160	250
Order Code	00200	00600	01000	01600	02500	04000	05000	06000	10000	16000	25000

The EPT1400 series is backed by a 1 Year Warranty. The purchaser is responsible for compatibility of the media, functional adequacy and correct installation of the transmitter.

If you require a customized solution for your program contact our sales team.