

## EPT 2105

- Long life and proven performance
- Light weight plastic design
- Low cost pressure measuring



The new EPT2105 is based on the proven design of the EPT2100 and optimized for applications with low cost requirements.

The monolithic measuring cells used within this design coupled with the high level output circuitry, assures excellent accuracy and long term stability within a light weight design.

The monolithic sensing element is compatible with many medias, including oil and compressed air and is suitable for applications with measuring ranges from **6 to 20 bar**.

## Specifications

### Performance

Accuracy	< ± 0,5 % at room temp. < ± 2,5 % at -40..105°C
Stability (1 Year)	< ± 0.1 %
Overrange pressure	20 bar
Burst pressure	30 bar
Pressure cycles	> 10 million

### Environment

Temperature	-40° to 125°C
Shock	1000 G, 11 ms., 1/2 Sine
Vibration	16 G peak, 20 to 2000 Hz
Sealing	IP 66

### Electronics

Excitation	5 VDC	at 0,5 - 4,5 V
Current consumption	< 7.5 mA	
Short circuit protection	Yes	
Reverse voltage Protection	Yes	

### Mechanics

Housing	Plastic
Pressure port	see select table on backside
Electr. connection	see select table on backside
Weight	ca. 25 g

## Ordering information

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

**Sample code:** **EPT2105 - M18 - 01000 - B - 5 - C**

Series	Port configuration	Pressure range	Pressure unit	Output signal	Electrical interface
EPT 2105	M18 M18x1.5	Please use code from table below	B relative pressure	5 0,5..4,5 V ratiometric	C connector Packard Metripac

Custom options available on request

Pressure range				
Bar	6	10 *	16	20
Code	00600	01000	01600	02000

\* Standard pressure ranges

The EPT2105 series are backed by a 1 Year Warranty. The purchaser is responsible for compatibility of the media, functional adequacy and correct installation of the transmitter.

**MOQ - 1000 pieces.** Please contact us for if you require quantities below.

## Dimensions

