

# Variohm EPT2100 Pressure Sensor 10Bar



**Brand:** Variohm

**Product Code:** EPT2100H01000B5A

**Availability:** 7 Days

**Weight:** 0.10kg

**Dimensions:** 5.00cm x 2.00cm x 2.00cm

**Price: \$164.45**

## Short Description

The EPT2100 range is a new lightweight pressure transducer design available in a range of pressure scales. The 10 bar version is perfect for oil or fuel pressure sensing in engine control or data logging systems. This version comes with a 600mm flying lead connection.

## Description

The EPT2100 Pressure Transducer is our NEW lightweight pressure sensor. 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 100mbar to 35 Bar in gauge and absolute pressure versions.

## Features

- Lightweight design
- Low cost
- High performance
- Pressure ranges up to 35 bar

## **Specification**

### **Performance**

Accuracy < +/-0.5% at RT  
Stability (1 Year) <  $\pm 0.1$  %  
Overrange pressure up to 2x rated pressure  
Burst pressure up to 5x rated pressure  
Pressure cycles > 10 million

### **Environment**

Temperature -40°C to +105°C  
Shock 1000 G, 11 msec., 1/2 Sine  
Vibration 16 G peak, 20 to 2000 Hz  
Sealing IP 66

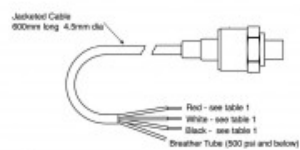
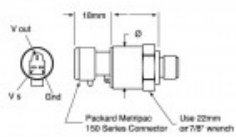
### **Electronics**

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

### **Mechanics**

Housing 304 stainless steel  
Pressure port -3 AN male fitting  
Electrical connection 600mm flying lead  
Weight ca. 25 g

### **Product Gallery**



Connection Colour Codes			
Output	Red	Black	White
5.0-4.0V (1.0V/0.10V)	+ Supply	- Supply	+ Output