

# Variohm EPT2100 Pressure Sensor 35Bar Metripack Connector



**Brand:** Variohm

**Product Code:** EPT2100H03500B5C

**Availability:** 7 Days

**Weight:** 0.10kg

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

**Price: \$275.00**

## Short Description

The EPT2100 range is a new lightweight pressure transducer design available in a range of pressure scales. The 35 bar version is perfect for brake pressure sensing on motorbike engine control or data logging systems. This version comes with a 600mm flying lead connection. For cars use either the 100 or 160 bar sensors in the EPT3100 heavy duty range.

## 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**

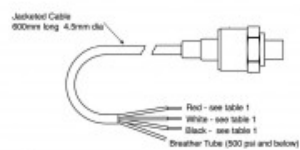
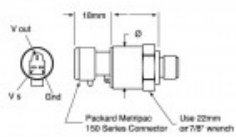
Housing 304 stainless steel

Pressure port -3 AN male fitting

Electrical connection Metripack 3 pin ([UTC12065287](#))

Weight ca. 25 g

## **Product Gallery**



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