

Variohm EPT2100 Pressure Sensor 10Bar



Brand: Variohm

Product Code: EPT2100H01000B5A

Availability: In Stock

Weight: 0.10kg

Dimensions: 5.00cm x 2.00cm x 2.00cm

Price: \$195.00

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) < ± 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

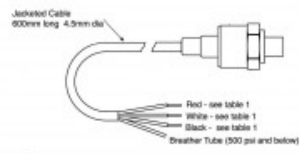
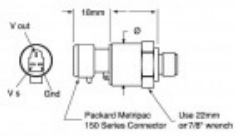
Electronics

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 |
|--------|--------|----------|----------|
| + | Supply | - Supply | + Output |