

## PS07

Stainless steel isolated pressure sensor from 0 to 0.7 MPa

### Description

PS07 is a high output amplified pressure transducer. It's particularly suited for use in the harsh automotive environment and for measurement of liquid or gas pressure even for difficult media such as contaminated water, steam, and mildly corrosive fluids.

The transducer pressure cavity is machined from a solid piece of 17-4 PH stainless steel.

### Main Features

- Compatible with most fluids in automotive environment
- Fast response time
- Excellent durability

### Benefits

- Small size
- High output
- High reliability
- Cost effective solution



### Typical Applications

Measurement of fuel and oil pressure

# PS07

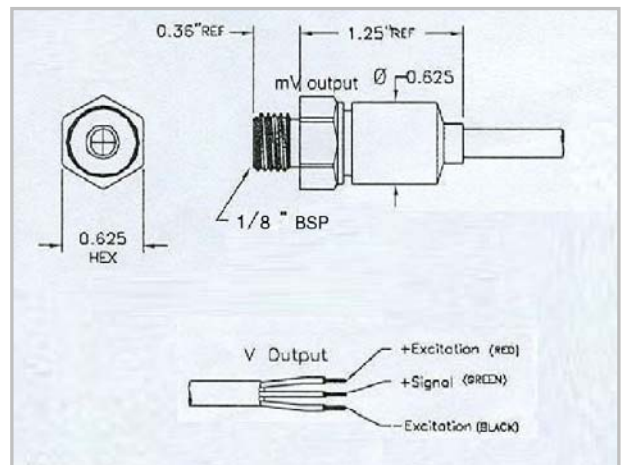
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## Technical Characteristics

Power supply .....	5 V
Supply current.....	< 10 mA
Null offset.....	0.5 V
Full scale output (@ Nominal Pressure)...	4.5 V
Pressure range .....	0 to 0.7 MPa
Operating temperature range .....	-20 to 85 °C
Compensated temperature range.....	0 to 55 °C
Accuracy (@ 25 °C).....	< 1 % f.s.o.
Span thermal error (@ 0 to 55 °C).....	< ±2 % f.s.o.
Burst Pressure .....	5 x Nominal Pressure
Vibrations range tested	
@ 0 Hz to 1000 Hz .....	( approx.) 10 g
Weight (approx.) .....	30 g

**Note:** this sensor PS07 must be mounted and installed with the Teflon

## Dimensions



For further information, please contact:

PS07-083813194700



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 page 2 of 2