## Magneti Marelli 1bar MAP Sensor PRT03



Brand: Magneti Marelli Product Code: PRT03/04 Availability: In Stock

Weight: 0.10kg

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

Phone: +613-8743-5550 - Email:

sales@compsystems.com.au

Price: \$159.50

#### **Short Description**

The PRT xx series are high accuracy, high reliability analog absolute pressure sensors. The PRT03/04 has a pressure range of 17-105kpa (0.17- 1.05BAR).

#### **Description**

Each pressure sensor exploits the piezoresistive properties of silicon devices. The sensing element is a Wheatstone bridge located on a mechanically-shaped silicon chip. A thick film hybrid circuit for signal amplifying is included in the same package. The same circuitry provides thermal compensation and noise reduction. These active devices are housed in hermetically sealed plastic protective casings.

#### **Applications**

Ducati part Number - 552.4.002.1A

- 748
- 916RS
- 996RS
- 998RS

• & Most other injected models pre-2002

# Technical Data Technical data

#### **Mechanical Characteristics**

| Dimensions (maximum) | 76,5x65.0x32.0 mm |
|----------------------|-------------------|
| Nozzle diameter      | 4.7 mm            |
| Weight               | 42.0 g            |
| Connector            | Mini-Timer 3 ways |

#### **Electrical Characteristics**

| Power supply                          | .5.00 Vdc ±0.5 |
|---------------------------------------|----------------|
| Min pressure output (at 5 Vdc supply) | 0.25 V         |
| Full scale output (at 5 Vdc supply)   | 4.75 V         |
| Output impedanceless that             | an 10 W        |

#### **Performance**

| Pressure range:                            |                |
|--|----------------|
| PRT 03/04 17 ÷ 10                          | 5 kPa          |
| Operating temperature range40              | ÷ 125 °C       |
| Response timeless tl                       | han 2 ms       |
| Accuracy (from nominal values)             | 1 % f.s.o.     |
| (including non-linearity, hysteresis and r | repeatability) |
| Over pressure                              | 200 %          |

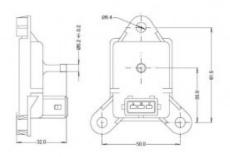
#### **Pinout**

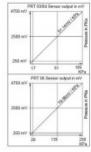
### Connector Pin Out

| PIN | Description |       |
|-----|-------------|-------|
| 1   | + 5Vdc      |       |
| 2   | GN          |       |
| 3   | Signal      | 1 2 3 |

# **Calibration Files Emtron esc Calibration File - PRT03.esc**

### **Product Gallery**





#### **Connector Pin Out**

