

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

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 diameter4.7 mm
 Weight42.0 g
 ConnectorMini-Timer 3 ways

Electrical Characteristics

Power supply5.00 Vdc \pm 0.5
 Min pressure output (at 5 Vdc supply)0.25 V
 Full scale output (at 5 Vdc supply)4.75 V
 Output impedance..... less than 10 W

Performance


Pressure range:

PRT 03/04..... 17 ÷ 105 kPa
 Operating temperature range..... -40 ÷ 125 °C
 Response timeless than 2 ms
 Accuracy (from nominal values) 1 % f.s.o.
 (including non-linearity, hysteresis and repeatability)
 Over pressure..... 200 %

Pinout

Connector Pin Out

PIN	Description
1	+ 5Vdc
2	GN
3	Signal

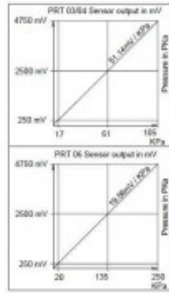
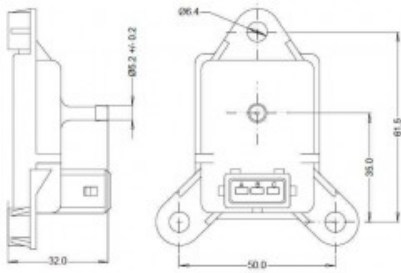


The diagram shows a rectangular connector housing with three pins protruding from the bottom. The pins are labeled 1, 2, and 3 from left to right. Pin 1 is the leftmost, pin 2 is in the middle, and pin 3 is the rightmost.

Calibration Files

Emtron esc Calibration File - PRT03.esc

Product Gallery



Connector Pin Out

PIN	description
A	+ 5 Vdc
B	GND
C	Signal OUT

