Magneti Marelli 1bar MAP Sensor PRT03



Brand: Magneti Marelli Product Code: PRT03/04

Availability: 11 Weight: 0.10kg

Dimensions: 5.00cm x 5.00cm x 5.00cm

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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 %

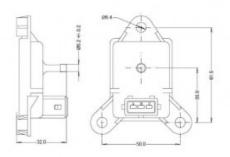
Pinout

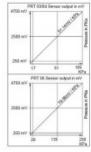
Connector Pin Out

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

Calibration Files Emtron esc Calibration File - PRT03.esc

Product Gallery





Connector Pin Out

