

PF1C Throttle Position Sensor

Brand: Magneti Marelli
Product Code: PF1C
Availability: 10
Weight: 0.10kg
Dimensions: 8.00cm x 5.00cm x 5.00cm

Price: \$127.50

Short Description

This Magnetti Marelli throttle position sensor can be used on Jenvey throttle bodies with the correct adapter (TPAK5).

Used widely by OE manufacturers such as Ducati, Peugeot and Alfa for the Selespeed sensors.

Description

Automotive specification rotary potentiometer housed in a fibreglass reinforced PBT casing.

Output drive direction is 'counter clockwise' when viewed from the mounting face of the sensor.

Technical Data

Electrical

Total Resistance: 1.2 K 30%

Linearity: 3.0% (absolute)

Rotation Maximum: 110

Mechanical 107

Typical Electrical Hysteresis: 1.0%

Applied Voltage Electrical Limit: 16 VDC

MaximumTypical Voltage: 5-10 VDC

Maximum Power Rating: 0.08W

Mechanical

Torque-Start of Rotation: > 0.020 Nm

End of Rotation: < 0.120 Nm

Stop Strength: 0.6 Nm

Durability

Mechanical Cycling: 1 X 10⁶ Full Strokes

0.5 X 10⁶ Half Strokes

4 X 10⁶ Dither Strokes

Standard Vibration: 24 hrs; 3 Planes; 33 to 600 Hz; 3 - 25 g

Thermal Shock: 100 Cycles, -40 to 140C

Temperature Range(Operating & Storage): -30 to 125C

Environmental

Salt Spray: 250 hrs.

Humidity: 96 hrs., 93% RH at 40C

Resistant to gasoline, engine oil, brake fluid & antifreeze

Product Gallery