

# PF1C Throttle Position Sensor

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

**Price: \$137.50**

## Short Description

This Magneti 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

Maximum Typical 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 10<sup>6</sup> Full Strokes

0.5 X 10<sup>6</sup> Half Strokes

4 X 10<sup>6</sup> 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