

# Variohm VTP11 Rotary Position Sensor 100 Degree



**Brand:** Variohm  
**Product Code:** VTP11  
**Availability:** 7 Days  
**Weight:** 0.10kg  
**Dimensions:** 5.00cm x 5.00cm x 5.00cm

**Price: \$176.00**

## Short Description

Variohm EuroSensor's new VTP11 rotary position sensor combines well-proven resistive element technology and convenient 8 mm D-shaft mounting in a durable and low cost IP66 rated package that ensures reliable and long-life operation for high performance motorsports especially for throttle position sensing

## Description

Variohm's conductive plastic track and multiple fingered wiper assembly has been designed to maintain full sensing contact even in the most arduous shock and vibration conditions. With a 97° measuring range and 5 k $\Omega$  throttle range resistance value from a 5...24 VDC input, the VTP11 will suit a wide variety of motorsports and specialist vehicle position sensing applications including throttle, steering angle, suspension and sequential gearbox.

- Simple flange mounting with 8mm 'D' through-hole drive
- Conductive plastic track for durability
- Multi fingered wipers for excellent contact under vibration

- Long life - 5 x 10<sup>6</sup> cycles
- Sealed to IP66
- Wide temperature range

Equivalent to Jenvey TP11, can also be used in place of Jenvey TP1 or TP8

### **Specifications**

Construction Conductive Plastic Track with multi fingered wipers, ensuring excellent contact under vibration

Life expectancy 5 x 10<sup>6</sup> cycles

Mechanical rotation 112° max

Electrical rotation 97° +/- 3°

Supply voltage 5...24 VDC

Resistance Value 5 k $\Omega$  +/-20%

Environmental sealing IP66

Temperature range -25 to +125 °C (Peaks of 150 °C for 15 mins)

Connector options Various options available

Housing material Glass-filled PBT

Cable type 1-core silicone wire, 20 AWG 256/0.05 copper conductor, O/D: 2.7mm, 3A 1.5kV (208 mm long)