

# Variohm VLP50 Linear Position Sensor



**Brand:** Variohm

**Product Code:** VLP50

**Availability:** In Stock

**Weight:** 0.10kg

**Dimensions:** 15.00cm x 3.00cm x 3.00cm

**Price: \$602.50**

## Short Description

The toughest linear position sensor. Well proven in everything from Formula Ford to V8 Supercar, the VLP series is available in a range of sizes perfect for suspension position measurement.

## Description

The well proven VLP series linear position sensor is available up to 290 mm stroke lengths in 25 or 50 mm increments. With self aligning spherical bearing mounts and an improved O-ring and felt shaft sealing arrangement, the range provides up to +/- 0.05% independent linearity and positioning repeatability to 0.01 mm. Choose the VLP series for IP65 rating with temperature range -40 to +100°C.

- Outstanding repeatability and linearity
- Dual seal design for extended reliability and longer life
- Self-aligning pivot bearing mountings
- Elastomer damped wipers for shock and vibration durability
- Potentiometric output

- VXP series for extended environmental performance and extreme conditions.

## Specifications

Electrical Stroke	50mm
Mechanical Stroke	52mm
Extended Length	250mm
Retracted length	198mm
Typical Linearity	Less than 0.1%
Resolution	Infinite
Max operating speed	10m/sec
Operating temp	-40 to +100 Deg C
Max Supply Voltage	42VDC
Cable Type	Raychem 55, 24AWG
Cable Length	600mm screened
Life	25 X10 <sup>6</sup> cycles
Sealing	IP65

## Product Gallery