

Variohm VLP100 Linear Position Sensor



Brand: Variohm

Product Code: VLP100

Availability: In Stock

Weight: 0.10kg

Dimensions: 15.00cm x 3.00cm x 3.00cm

Price: \$630.00

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 | 100mm |
| Mechanical Stroke | 102mm |
| Retracted length | 248mm |
| 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 ⁶ cycles |
| Sealing | IP65 |

Product Gallery