

Variohm VXP100 Linear Position Sensor



Brand: Variohm

Product Code: VXP100

Availability: 7 Days

Weight: 0.10kg

Dimensions: 15.00cm x 3.00cm x 3.00cm

Price: \$895.20

Short Description

The toughest linear position sensor just got tougher with the VXP range.

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

Featuring IP67 dealing and a 180 degree cable outlet for easier mounting, this is a true motorsport suspension position sensor.

Description

The well proven VXP 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 +150°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 ⁶ cycles
Sealing	IP67

