

Compsystems 50mm Linear Position Sensor - Club Spec



Brand: Competition Systems

Product Code: 60-301A

Availability: In Stock

Weight: 0.00kg

Dimensions: 20.00cm x 5.00cm x 5.00cm

Price: \$237.50

Short Description

A slim line linear position sensor ideal for limited space applications like clutch and brake pedal travel.

Description

- Excellent linearity
- Resolution rate is higher than 0.01mm
- Protection grade is IP65
- $\pm 12.5^\circ$ freedom of movement with rod end joint
- Can be used in harsh environments such as moisture, oil, dust, etc
- Aluminum body for corrosion resistance

Specifications

Linearity	$\pm 0.2\%$
Resolution	Essentially infinite
Repeatability	$< 0.016\text{mm}$
Full Scale Resistance	5K ohm
Maximum shaft speed	5000mm/sec

Repeatability	0.2%
Life Cycle	Up to 50 million cycles
Power Supply	Up to 36VDC maximum (5V regulated preferred)
Maximum current	10mA
Measurement Range	50mm
Body Diameter	12mm
Electrical cable	24AWG PTFE with DR150 heatshrink coating and Hellerman cable boot
Electrical connector	ATM04-3P-SR01BLK (or DTM equivalent)
Protection Class	IP65