

Compsystems 50mm Linear Position Sensor - Club Spec



Brand: Competition Systems

Product Code: 60-301A

Availability: 1

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

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

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|----------------------|---|
| 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 |