

LINEAR POTENTIOMETER SLS220

Linear potentiometer for high precision measurement.
 Return spring integrated inside the main body.
 Typical applications:
 Gas pedal, mono-shock, test labs



TECHNICAL SPECIFICATIONS:

◆ Electrical Stroke:	10 mm
◆ Mechanical Stroke:	12.5 mm
◆ Resistance:	0.4 Kohm \pm 15%
◆ Independent Linearity:	\pm 0.5%
◆ Power Dissipation at 20°C:	0.2 W
◆ Maximum Applied Voltage:	8.9 Vdc
◆ Resolution:	virtually infinite
◆ Hysteresis (repeatability):	Less than 0.01 mm
◆ Operational Temperature:	-30°C to 100°C
◆ Output smoothness:	to MIL-R-39023 grade C 0.1%
◆ Insulation Resistance:	greater than 1000Mohm at 500 Vdc
◆ Operating Mode:	Voltage divider only
◆ Operating Force Max:	4.0 kgf
◆ Life at 250mm per sec:	typically greater than 20 million operations
◆ Sealing:	Internally to IP66
◆ Shaft velocity max:	2.5 m/sec
◆ Body:	Nylatron MC901
◆ Shaft:	Stainless Steel
◆ Weight:	45g
◆ Connection:	Cable Connector on demand

