



Linear Potentiometer LP 10

- ▶ Measurement range 0 to 10 mm
- ▶ Low power consumption
- ▶ Compact design



The LP 10 is a short length linear potentiometer which is designed to measure the relative position of two point e.g. the stabilizer movement.

Its operating mode is based on the linear tape potentiometer principle where the distance travelled between the moving end to the wiper is proportional to the resistance between them.

The advantage of this LP is its precise and compact design with a hard metal housing and low power consumption.

Application

Application	0 to 10 mm
Temperature range	-20 to 85°C
Storage temperature range	-40 to 85°C

Technical Specifications

Mechanical Data

Weight w/o wire	70 g
Min. length	50 mm
Mounting	2 x M3
Tightening torque	2 Nm

Electrical Data

Power supply	5 V
Nominal resistance	1 kΩ
Resistance tolerance	20 %
Non-linearity	1 %
Max. current	1 mA

Connectors and Wires

Connector	KPSE 6E8-33P-DN
Connector loom	KPSE 0E8-33S-DN
Pin 1	U _S
Pin 2	Gnd
Pin 3	Sig
Sleeve	DR-25
Wire size	AWG 24
Wire length L	15 to 25 cm

Various motorsports and automotive connectors on request.

Please specify the requested wire length with your order.

