

Precision – Linear – Potentiometer LL32

Standard version



The Precision – Linear - Potentiometers of the type LL32 have an anodized aluminium housing and achieved in the standard version protection class IP62. The smooth running is ensured by sliding bearings.

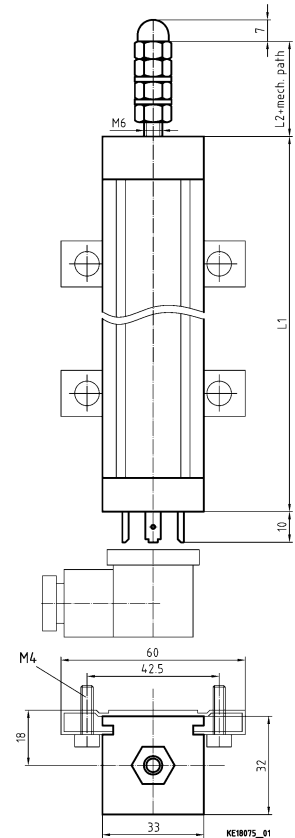
The standard version is supplied with 4 clamping claws.

Mechanical data

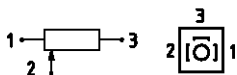
- 1.1 Housing..... : Aluminium
- 1.2 Pushrod..... : Stainless steel Ø 6^{h9}
- 1.3 Bearing..... : Sliding bearing
- 1.4 Resistor element..... : Conductive plastic
- 1.5 Slider / wiper tap..... : Noble metal
- 1.6 Protection class..... : IP62
- 1.7 Type of connection..... : Plug connection
- 1.8 Mounted by..... : Clamping claws
- 1.9 Functional path..... : 50 ... 1000 mm
- 1.10 Rotation speed..... : max. 5 m / sec.
- 1.11 Rotation load life..... : 100x10⁶ path

Electrical data

- 2.1 Resistance values, standard..... : 5, 10 K-Ohm
- 2.2 Resistance tolerance..... : ± 20 %
- 2.3 Insulation resistance..... : ± 0,2 %
- 2.4 Test voltage..... : 500 V, 50 Hz
- 2.5 Operating voltage..... : max. 42 V
- 2.6 Power rating..... : max. 1 Watt
- 2.7 Slider load current..... : < 1 mA
- 2.8 Temperature range..... : -30 °C ... +100 °C
- 2.9 Temperature coefficient..... : 500 ppm/°C



Type	Path in mm		L1 in mm ± 2 mm
	electr.	mechan.	
LL32/ 75	75	77	150
LL32/100	100	102	175
LL32/150	150	152	225
LL32/200	200	202	275
LL32/250	250	252	325



Terminal plan standard	
pushrod in	
1	start
2	slider
3	end

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