

# Precision – Linear – Potentiometer LL32

Standard version



The Precision – Linear - Potentiometers of the type LL32 have an anodized aluminium housing and achieve in the standard version protection class IP65. The smooth running is ensured by sliding bearings.

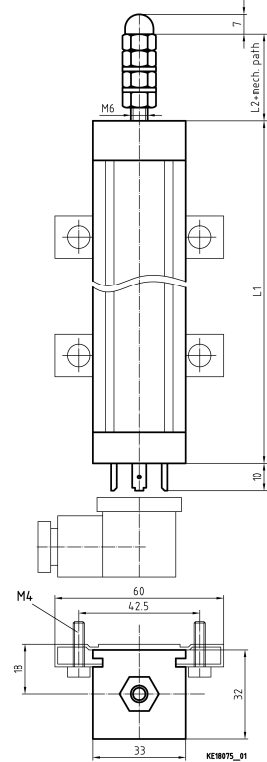
The standard version is supplied with 4 clamping clips.

### mechanical data

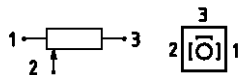
- 1.1 housing..... : aluminium
- 1.2 pushrod..... : stainless steel  $\varnothing 6^{h9}$
- 1.3 bearing..... : sliding bearing
- 1.4 resistor element..... : conductive plastic
- 1.5 slider / wiper tap..... : noble metal
- 1.6 housing protection class..... : IP65
- 1.7 type of connection..... : plug connection
- 1.8 mounted by..... : clamping clips
- 1.9 functional path..... : 50...1000 mm
- 1.10 rotation speed..... : 0,5 m / sec.
- 1.11 rotation load life..... : 100 x 10<sup>6</sup> m path

### electrical data

- 2.1 resistance values, standard..... : 5, 10 K-Ohm
- 2.2 resistance tolerance..... :  $\pm 20\%$
- 2.3 insulation resistance..... :  $\pm 0,2\%$
- 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..... : < 10 mA
- 2.8 temperature range..... : -30°C till +100°C
- 2.9 temperature coefficient..... : 500 ppm/°C



Type	Path in mm		L1 in mm ± 2mm
	elektr.	mechan.	
LL32/ 75	75	79	151
LL32/100	100	104	176
LL32/150	150	154	226
LL32/200	200	204	276
LL32/250	250	254	326



Terminal plan standard	
pushrod in	
1	start
2	slider
3	end

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