

mechanical data

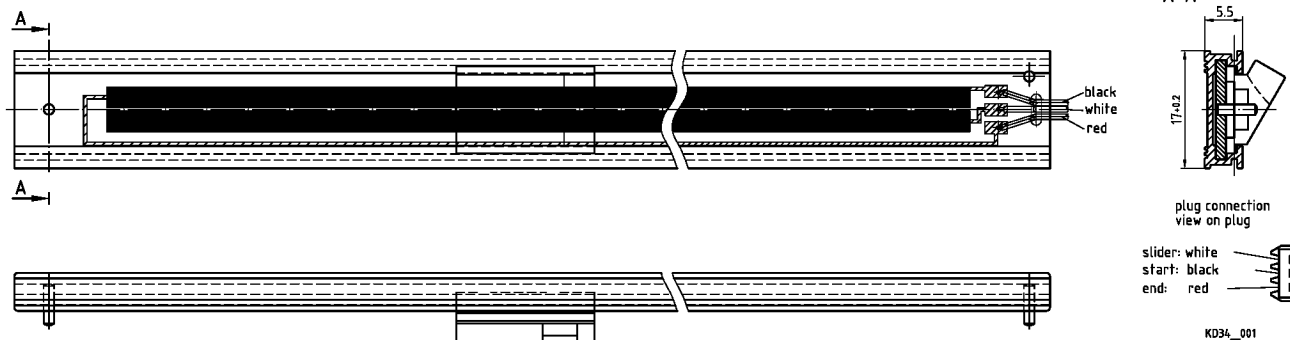
- 1.1 base plate..... : aluminium
- 1.2 electrical path..... : see the table ($\pm 0,5$ mm)
- 1.3 resistor element..... : conductive plastic
- 1.4 slider tap..... : multiple tap (brush)
- 1.5 type of connection..... : litz wires
- 1.6 adjustment speed..... : max. 0,5 m/s
- 1.7 actuating force..... : < 1,2 N
- 1.8 hysteresis..... : < 0,05%
- 1.9 life cycle..... : see the table

electrical data

- 2.1 resistance values (standard)..... : 10K
- 2.2 resistance tolerance..... : $\pm 20\%$
- 2.3 linearity tolerance..... : $\pm 2\%$
- 2.4 max. power rating (40°C)..... : 0,25 Watt
- 2.5 max. power rating (70°C)..... : 1,0 Watt
- 2.6 dissolution..... : < 0,01 mm
- 2.7 slider current..... : < 0,1 mA
- 2.8 max. slider current..... : 3 mA
- 2.9 Insulation resistance..... : 500 M-Ohm
- 2.10 Supply voltage..... : 24 VDC
- 2.11 max. voltage..... : 50 VDC
- 2.12 operating temperature..... : -20°C bis +120°C
- 2.13 storage temperature : -40°C bis +120°C
- 2.14 temperature coefficient..... : max. 500 ppm/°C



electrical path	mechanical path (-3mm)	hub	total length	life cycle
125	120	100	150	2,5x10 ⁶ slider path
175	170	150	200	2,5x10 ⁶ slider path
225	220	200	250	2,5x10 ⁶ slider path
275	270	250	300	max. 1x10 ⁶ slider path



Displacement transducer is individually packed in PE-tubular foil 100 µm, 50 wide (part#: 104768)

Sheet #: KE3450

Amendment/ Print: 26.10.17 / 26.10.17

ALTMANN Potentiometer

Herringhauser Straße 29
32051 Herford - Germany

P.O. Box 11 42
32001 Herford - Germany

Phone: 05221/3404-0
Fax : 05221/3404-29

www.potentiometer.de
eMail: info@potentiometer.de

Subject to technical
amendments Form.#: 00000000