

SINGLETURN POTENTIOMETER

Model HWL 66
41x30x10 mm
5 000 000 Cycles
Conductive plastic



RESENZO
SMARTER SENSING AND CONTROL

Features :

- Excellent rotational life
- Excellent Linearity
- Hollow shaft

Applications:

- Joy-Sticks
- Valve regulation
- Gas pedal
- Door automation



Options:

- Tandem potentiometer to 2x160° el. Angle
- Resistance tolerance +/- 10%
- Connections, Connectors, Flat cable, Wires different length,
- Functions, Centre tab, Switch

Electrical Characteristics		Mechanical Characteristics	
Resistance range	2 x 10 kΩ	Rotational life	5'000'000 Cycles
Resistance tolerance	+/- 20%	mech. Angle	Continuous
el. angle	360°	Protection rating	IP 50
Inp. Linearity	+/- 1%	Torque	typ. 0.7 cNm
Power rating	0.5 W / T _A		
rec. Wiper current	< 0.1μA		
max. Wiper current	10 mA (malfunction)		
max. Wiper resistance.	500 ohm (new)		
Insulation resistance	10 GΩ / 500 VDC		
Dielectric strength	1000 VAC / 1 min.		
Temperature coefficient	600ppm / °C		
TC of voltage divider	30ppm / °C		

Environmental Conditions		Material	
Storage temperature	-40°C to +105°C	Housing	Thermoplast
Operating temperature	-25°C to +85°C	Rotor	Thermoplast
Climatic rating	25/085/56	Connections	FR 4 or wires
Shock	50G		
Vibration	10G		

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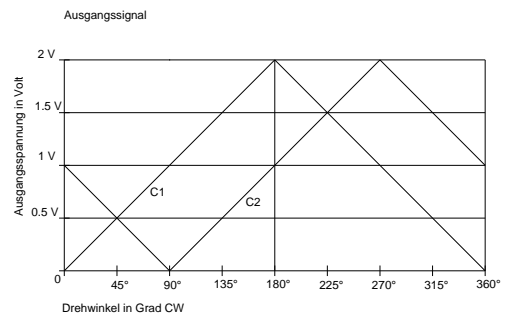
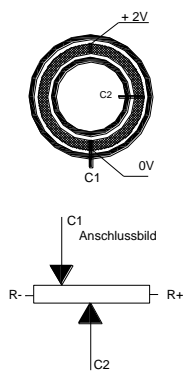
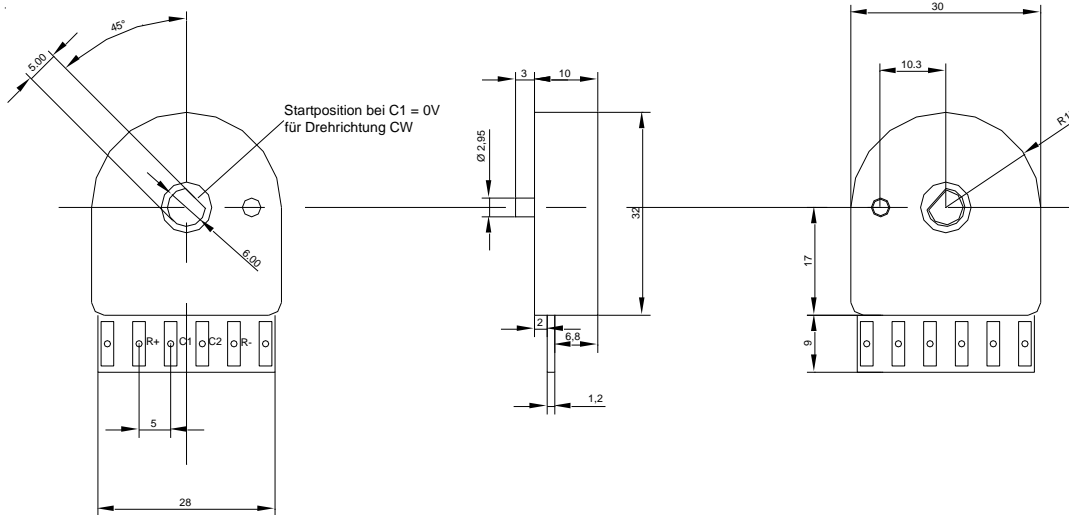
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Standard model:

HWL 66 – D6 - PA



HWL 66 = Potentiometer Standard

GL=Slider

H W L 6 6 - D 6 - P A - 2 x 1 0 k - 3 6 0 - D D B - G L

L= Conductive plastic

66 = 360° el. Angle

D6 = Shaft 6 mm

Resistance 2x10 kohm
 Other on demand

El. Angle 360°

PA= Print
 LI= Wires 145mm
 KA= Cable
 FB= Flatcable
 KS= Cable with connector

DDB= Continuous rotation

Specifications are subject to change without notice