

Tandem SINGLETURN-POTENTIOMETER
Model POL 222
Ø 22 mm
5 000 000 Cycles
Conductive plastic



RESENZO
 SMARTER SENSING AND CONTROL

Options	
Shaft length	5mm – 16mm
Ball bearings	Shaft Ø 3.17 mm
Thread	3/8"
Connections	Cable with connector Flat cable Wires



Electrical Characteristics		Mechanical Characteristics	
Resistance range	2 x 5 kΩ	Rotational life	5'000'000 Cycles
Resistance tolerance	+/- 20%	mech. Angle	320° or continuous
el. Angle	320°	Protection rating	IP 65
indep. 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 ÷ +105°C	Housing	Aluminium anodized
Operating temperature	-25°C ÷ +85°C	Shaft	Stainless steel
Climatic rating	25/085/56	Connections	Wires
Shock	50G		
Vibration	10G		

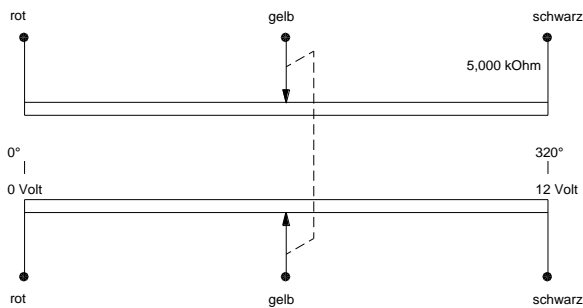
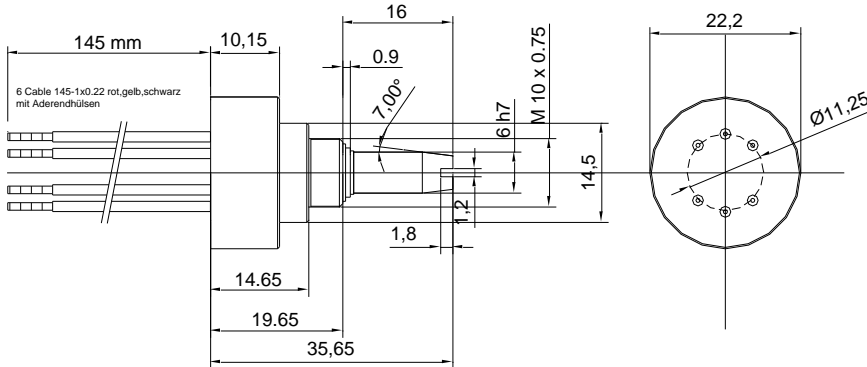
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Standard model:

POL 222 MA - LI



POL 222= Tandempotentiometer Standard

Shaft length in 1/10mm
16 mm standard

GL=Slider
 KL= Ball bearings

P O L 2 2 2 M A L I - 2 x 5 k - 1 6 0 - 3 2 0 - A N S - G L

L= Conductive plastic

Resistance 5 kohm
 Other on demand

M= Thread M10 Shaft 6mm
 U=Thread 3/8" Shaft 6.35mm

El. angle 2 x 320°
 other on demand

A = Flansh 14.5mm
 F = Flansh 10.3mm

PL= Print axial
 KL= head pins
L= Wires 145 mm
 KA= Cable
 FB= Flat cable
 KS= Cable with connector

ANS= mech. Stop at 320°
DDB= Continuous rotation

Specifications are subject to change without notice