

Multi Turn Potentiometer

Model POD 1820 – 20 turns

Ø 22 mm

500 000 Turns

Wire Wound



RESENZO
SMARTER SENSING AND CONTROL

Options	
Shaft length	5mm – 11mm
	Center tab



Electrical Characteristics		Mechanical Characteristics	
Resistance range	1 kΩ - 20 kΩ	Rotational life	500'000 Turns
Resistance tolerance	+/- 5%	mech. Angle	7200°
el. Angle	7200°	Protection rating	IP 65
Inp. Linearity	+/- 0.25 %	Torque	typ. 0.7 cNm
Power rating	2 W / T _A 70°C		
max. Wiper current	50 mA		
max. Wiper resistance.	100 ohm		
Insulation resistance	10 GΩ / 500 VDC		
Dielectric strength	1000 VAC / 1 min.		
Temperature coefficient	40ppm / °C		
Rend	max. 1 % von R _{nom} .		

Environmental Conditions		Material	
Storage temperature	-25°C ÷ +105°C	Housing	Thermoplast
Operating temperature	-25°C ÷ +85°C	Shaft	Brass nickel plated
Climatic rating	25/085/56	Connections	Brass gold plated
Shock	50G		
Vibration	10G		

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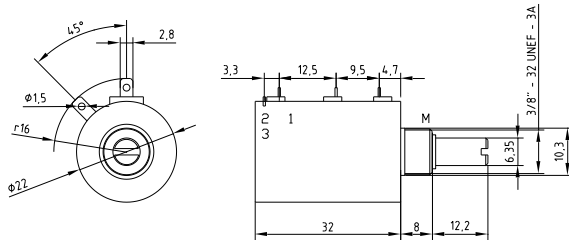


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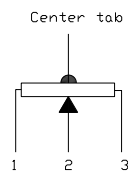
SMARTER SENSING AND CONTROL

Standard model:

POD 1820 U



Connecting diagram



POD 1820 = Potentiometer Standard

GL=Slider

P O D 1 8 2 0 U F - 1 0 k - 1 1 0 - 7 2 0 0 - A N S - G L

D= Wirewound

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

F = Flansh 10.3mm

Resistance
1 kohm ... 20 kohm
other on demand

el. Angle 7200 °

ANS= mech. Angle 7200°

Specifications are subject to change without notice