### Electrical Data
- Nominal resistance: 1/5/10 kOhm
- Resistance tolerance: ±20 %
- Independent linearity: ±1 % of meas. range
- Electrical angle: 340 °
- Repeatability: max. 0.1 °
- Temperature coefficient of the voltage divider: 50 ppm/°C
- Recommended wiper current: max. 1 µA
- Max. wiper current in case of malfunction: 10 mA
- Power rating P: max. 0.5 W/40°C
- Min. life (electrical): 10 Mio. cycles

### Mechanical Data
- Mechanical range: 360 ° (continuous)
- Torque (IP54): max. 0.7 Ncm
- Min. life (mechanical): 5 Mio. cycles
- Max. permitted axial shaft load: 1 N
- Max. permitted radial shaft load: 1 N
- Operating temperature: -25 ... +85 °C
- Storage temperature: -40 ... +105 °C
- Protection class: IP54

### Standards
- Insulating resistance (500 VDC, 1bar, 2s): 10 GOhm
- Dielectric strength (VAC, 50Hz, 1min, 1bar): 1 kV
- Vibration (Amax = 0.75mm, f = 30 ... 2000 Hz): 10 g
- Shock (half sine pulse, 7 ms): 50 g

### Applications
- Valve controls
- Joysticks / Master switches

### Features
- Plastic housing
- Connection by wires
- Small dimensions
- Design flexibility
- 5 Mio. cycles
- Excellent linearity, up to ±0.25%
- Very good resolution better 0.1°

### Options
- Resistance tolerance ±10%
- Independent linearity ±0.25%
- Custom electrical angles and switch functions available
- Mechanical end stops
- Protection class IP65
- Custom shaft design
- Customer specific wires

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