



GENERAL FEATURES

- 260° electrical angle
- 22.2 mm small body with flange connection
- 6 or 6.35mm shaft diameter
- High linearity up to $\pm 1\%$
- Long life up to 10 million movements
- IP50 protection class
- No mechanical rotation limitation

APPLICATIONS

- Valve controls
- Joysticks
- Master switches

TECHNICAL FEATURES

Electrical Data

Electrical Angle	260°
Resistance Values	2K, 5K, 10K
Resistance Tolerance	$\pm 20\%$
Resistance Element	Conductive Plastic
Supply Voltage	42V max.
Independent Linearity	$\pm 1\%$
Repeatability	0.1° max.
Resolution	Infinite
Recommended Wiper Current	1 μ A max.
Power rating	0,5W @40° max.
Insulating Resistance	>1Gohm @ 500VDC
Electrical connection	3 gold-plated pins

Mechanical Data

Mechanical Angle	360°, continuous
Life	10 million movements
Body Diameter	22.2 mm
Shaft Diameter	6mm or 6.35mm (optional others)
Torque	0.7 Ncm
Body Material	Aluminum
Shaft Material	Stainless Steel
Operating Temperature	-25°C ... +85°C
Storage Temperature	-40°C ... +105°C
Maximum radial and axial shaft load	1 N
Protection Class	IP50
Weight	~19gr

