

SR50K\_C090

16.11.2022

**Potentiometer 50 kOhm**



**General Data**

Type reference	SR50K_C090
Description	Shortron knob with integrated potentiometer
Approvals	CE, UKCA
Degree of protection	IP66 (in the front), IP65/67 (on the rear with plugged-in M12 cable)
Operation travel	260° ±10%
Connection type	4-pole M12, A coded
Max. storage temperature	-20°C ... 70°C
Max. operating temperature	-20°C ... 70°C
Mechanical life	100,000 cycles

**Technical data**

Mounting aperture	22.3 mm
Tightening torque (mounting nut)	1.5 ... 1.9 Nm
Mounting depth	37.5 mm
Panel thickness	1.5...8.0 mm
Tightening torque (M12-connector)	max. 0.4 Nm

**Electrical features**

Overvoltage category	II
Pollution degree	2
Rated output	0,1 W
Rated voltage	35 V max.
Resistance value	5 kOhm, linear ± 20 %

**Note**

Attention: The total power dissipation on the potentiometer may not exceed 100mW!

- 260° rotation angle
- with integrated scale
- silver-coloured front ring



Pin assignment:

M12 connector pin potentiometer circuit symbol

- 1 1
- 2 2
- 3 3
- 4 n.c.

