

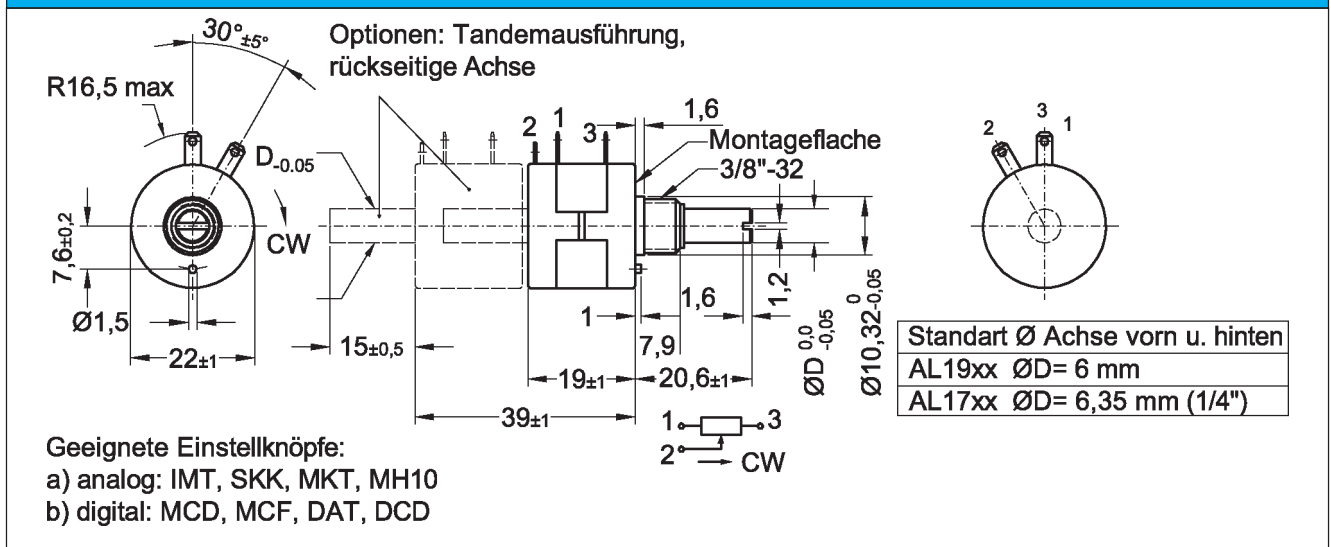
- body diameter 22 mm with brass bushing
- Resistance values from 20 Ohm to 100 kOhm
- Linearity tolerance $\pm 0,25\%$ ($\pm 0,1\%$)
- Various options like:
 - tandem or multi ganging
 - sealing ring (IP65)
 - reinforced bearings for radial shaft load
- Custom specific adaptations



The AL1710M / AL1910M are applicable as precision setpoint device or as mechanical driven angle sensor.

Preference types from stock.

Dimensional Drawing (with optional tandem version and rear shaft extension)



Electrical Specifications	
Technology	wirewound
Electrical angle	3600° $\pm 5^\circ$
Resistance value	0,02..100 kOhm
Resistance tolerance	$\pm 5\%$ (opt. $\pm 1\%$)
Linearity tolerance	$\pm 0,25\%$ (opt. $\pm 0,1\%$)
Noise (ENR)	<100 Ohm
Power at +70°C (0W at 105°C)	2 W
wiper current	max. 35 mA / recommended 0,1 mA
Insulation resistance	1000 MOhm at 500 V DC

Mechanical Specifications	
Mechanical angle	3600° +10°
Max. rotational speed	40 rpm
Life expectancy (turns)	1 x 10 ⁶
Bearing	sleeve bearing (brass)
Starting torque	1 Ncm
Stopper strength	35 Ncm
Max. torque for fastening the mounting nut	150 Ncm