



Electrical Data		
Nominal resistance	kOhm	1/5/10
Resistance tolerance	%	±15
Independent linearity	% of meas. range	±2.5
Electrical angle	°	300
Temperature coefficient of the voltage divider	ppm/°C	30
Recommended wiper current	µA	max. 1
Max. wiper current in case of malfunction	mA	5
Power rating P	W/40°C	max. 0.25
Min. life (electrical)	cycles	5 Mio.
Mechanical Data		
Mechanical range	°	316
Torque	Ncm	max. 0.5
Min. life (mechanical)	cycles	5 Mio.
Operating temperature	°C	-25 ... +85
Storage temperature	°C	-55 ... +105
Protection class		IP65
Standards		
Insulating resistance (500 VDC, 1bar, 2s)	GOhm	10
Dielectric strenght (VAC, 50Hz, 1min, 1bar)	V	750
Vibration (Amax = 0.75mm, f = 30 ... 2000 Hz)	g	10
Shock (half sine pulse, 7 ms)	g	50

PL130

Applications

- Positionsetting of truck rear-view mirror
- Front panel adjusting knob

Features

- Compact dimensions
- Design flexibility
- 5 Mio. cycles
- Very good resolution, better 0,1°

Options

- Custom shafts design
- Electrical angles between 20° and 300°
- Mechanical angles between 45° and 316°

Errors and omissions excepted. Subject to change without notice. / State: 05.05.20

Contelec AG
 Portstrasse 38
 CH-2503 Biel/Bienne
 Phone +41 (0)32 3665600
 Telefax +41 (0)32 3665604
 sales@contelec.ch