

POTENTIOMETRE WAL305



WAL305

Applications

- Convertible roof
- Automatic tailgate of cars

Features

- Hollow shaft
- Cost-effective
- ≥ 1000 cycles
- Very good resolution better 0,3°

Options

- Other nominal resistance
- Linearity ± 0.5 %
- Electrical angles between 30° and 355°
- Customer specific cable / wires

Subject to change
without notice
State: 01-Dec-2005

COMPAUT
Tel: 04 50 57 07 91
Fax: 04 50 57 21 45

compaut@contelec.fr

CONTELEC

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	μ A
Max. wiper current in case of malfunction	10	mA
Power rating P	max. 0.5	W/40°C
Min. life (electrical)	2 Mio.	cycles

Mechanical Data		
Mechanical range	360	° (continuous)
Min. life (mechanical)	2 Mio.	cycles
Operating temperature	-25 ... +85	°C
Storage temperature	-40 ... +105	°C
Protection class	IP50	

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