



<b>Electrical Data</b>		
Nominal resistance	0.1...10	kOhm
Resistance tolerance	±10	%
Independent linearity	±1.0	% of meas. range
Electrical angle	295	°
Temperature coefficient of the voltage divider	40	ppm/°C
Recommended wiper current	max. 10	µA
Max. wiper current in case of malfunction	100	mA
Power rating P	max. 0.75	W/40°C
Min. life (electrical)	2'000	cycles

<b>Mechanical Data</b>		
Mechanical range	300	°
Torque	1	Ncm
Min. life (mechanical)	2'000	cycles
Operating temperature	-55 ... +150	°C
Storage temperature	-55 ... +150	°C
Protection class	IP67	

<b>Standards</b>		
Insulating resistance (500 VDC, 1bar, 2s)	10	GOhm
Dielectric strenght (VAC, 50Hz, 1min, 1bar)	900	V
Vibration (Amax = 0.75mm, f = 30 ... 2000 Hz)	10	g
Shock (half sine pulse, 7 ms)	50	g

## PD84

### Applications

- Servo drive

### Features

- Compact dimensions
- Intergrable on PCB
- Protection class IP67
- High operating temperature

### Options

- Round housing without bushing / with scale
- Shaft flush to the edge of the bushing

Subject to change  
without notice  
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