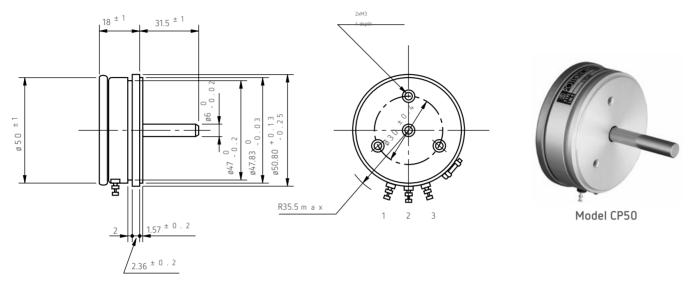




α CP50

Standard dimensions



General Specifications

Standard Resistance Range: Max. Practical		Noise: Electrical Travel: Mechanical Travel:	Within 100Ω E.N.R. 355° ±3° 360° (Endless)
Resistance Value:	50Ω to 20kΩ	Insulation Resistance:	Over 1,000MΩ at 1,000 V.D.C
Total Resistance Tolerance:	50kΩ	Dielectric Strength: Starting Torque:	1 minute at 1,000 V.A.C. Within 5mN∙m (50gf∙cm)
Independent Linearity	Standard Class ±3%(H)	Resist. Temperature Coefficient of Wire:	±20p.p.m./°C
Tolerance:	Precision Class $\pm 1\%$ (F)	Mass:	Approx. 120g
Power Rating:	Standard Class ±0.5% Precision Class ±0.1%		

Standard Resistance Values | No. Of Wire Turns | Resistance Wire Used

 $(\pm 0.2\%$ in case of within $2k\Omega$)

Resist. Value (Ω)	50	100	200	500	1k	2k	5k	10k	20k	🔆 50k
No. Of wire turns	500	650	800	1,100	1,000	1,250	1,810	2,180	2.780	3,500
Resist. Wire used	Cu-Ni System			Ni-Cr System						

Note: Mark 🔆 shows value at special higher practical resistance

1.5W

Special Specifications Available

Lower resistance values $(10\Omega, 20\Omega)$, extra taps (available up to 10 taps), multi-ganged (available up to 7 gangs. Housing length is extended by 12mm per gang), shaft with front and rear extension (rear shaft with 6mm dia. and 15mm length), spring return device incorporated (automatically returning to the zero position), with stopper (rotating angle becomes 330° and stopper strength is 0.9N·m [9kgf·cm]), special electrical travel, shaft dia. (\emptyset 6.35mm) with inch dimensions, special machining on the shaft.

Page 1/1

The information provided herein is to the best of our knowledge true and accurate, it is provided for guidance only. All specifications are subject to change without prior notification. Althen – Your expert partner in Sensors & Controls | althensensors.com

Althen stands for pioneering measurement and custom sensor solutions. In addition we offer services such as calibration, design & engineering, training and renting of measurement equipment.

The off sense for proceeding measurement one case of the sense of the						
Germany/Austria/Switzerland	Benelux	France	Sweden	USA/Canada	Other countries	
info@althen.de	sales@althen.nl	info@althensensors.fr	info@althensensors.se	info@althensensors.com	info@althensensors.com	