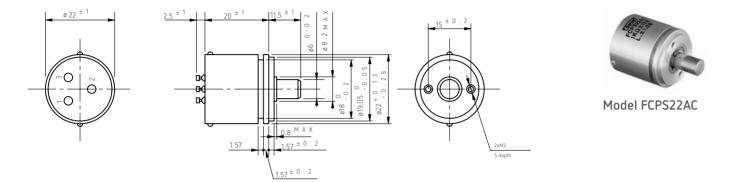


∝ FCPS22AC

Standard dimensions



General Specifications

Standard Resistance	
Values:	1k, 2k, 5k, 10 k (Ω)
Special Practical	
Resistance Values:	500, 20k, 50k, 100k (Ω)
Total Resistance	
Tolerance:	Standard Class ±15% (L)
	Precision Class ±10% (K)
Independent Linearity	
Tolerance:	Standard Class ±1.0%
	Precision Class $\pm 0.5\%$
Resolution:	Essentially infinite
Output Smoothness:	Within 0.1% against input voltage

Contact Resistance Variation: Power Rating: Electrical Travel: Mechanical Travel: Insulation Resistance: Dielectric Strength: Starting Torque: Resistance Temperature Coefficient: Mass:

Within 2% C.R.V. 1.0W 320° ±5° 360° (Endless) Over 1,000MΩ at 500 V.D.C 1 minute at 500 V.A.C. Within 5mN • m (50gf • cm)

SENSORS & CONTROLS

±400p.p.m./°C Approx. 30g

Special Specifications Available

Extra taps (available up to 1 tap), shaft with front and rear extension (rear shaft with 3mm dia. and 20mm length), with stopper (rotating angle becomes 320° and stopper strength is 0.9N•m [9kgf•cm]), special electrical travel, shaft dia. (ø6.35mm), special machining on the shaft, with ball bearings incorporated.

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.

Germany/Austria/Switzerland info@althen.de

Benelux sales@althen.nl France info@althensensors.fr Sweden info@althensensors.se

USA/Canada info@althensensors.com Other countries info@althensensors.com