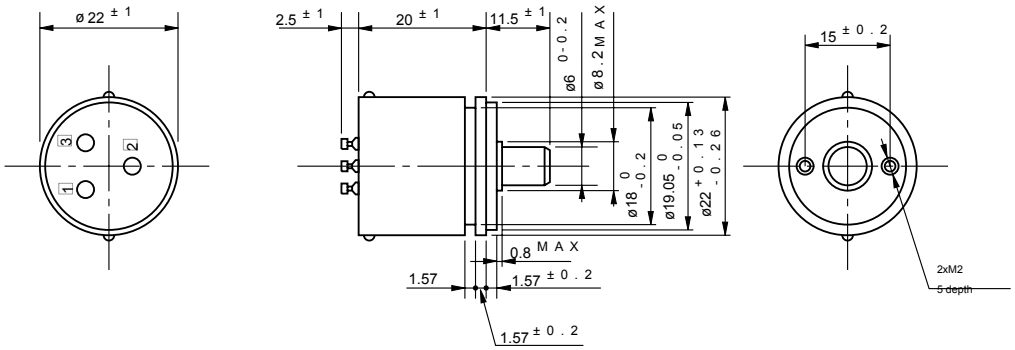
FCPS22AC

Conductive plastic (Servomount oilless metal bearings incorporated) Low cost item

Standard dimensions



Model FCPS22AC

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 ±0.5%
Resolution:	Essentially infinite
Output Smoothness:	Within 0.1% against input voltage
Contact Resistance Variation:	Within 2% C.R.V.
Power Rating:	1.0W
Electrical Travel:	320º ±5º
Mechanical Travel:	360º (Endless)
Insulation Resistance:	Over 1,000MΩ at 500 V.D.C
Dielectric Strength:	1 minute at 500 V.A.C.
Starting Torque:	Within 5mN·m (50gf·cm)
Resistance Temperature Coefficient:	±400p.p.m./ºC
Mass:	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 320º 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.

LEADERS IN SENSORS & HEAVY DUTY JOYSTICKS

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