



Low Cost

- 10 Turns for Accurate Setting
- Resistance Values of 100 to 50K Ohms
- Long Rotational Life
- $\pm 0.25\%$ Standard Linearity

Electrical Specifications

| | |
|----------------------------|--|
| Electrical Angle | 3600° (10 Turns) |
| Resistance Value (ohms) | 100, 200, 500, 1k, 2k, 5k, 10k, 20k, 50k |
| Resistance Tolerance | $\pm 5\%$ |
| Linearity Tolerance (std.) | $\pm 0.25\%$ |
| End Resistance | 0.5% or 10 ohms, whichever is less |
| Noise | < 100 Ohm ENR |
| Power @ 70°C | 2 W |
| Insulation Resistance | 500 Mohm @ 500 VDC |
| Dielectric Strength | 1000 VAC |

Mechanical Specifications

| | |
|------------------|------------------|
| Mechanical Angle | 3600° (10 Turns) |
| Starting Torque | 0.5 Oz-in. |
| Life Expectancy | 250,000 cycles |
| Bearing | sleeve |

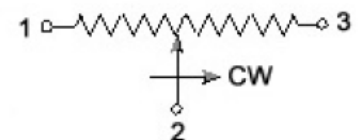
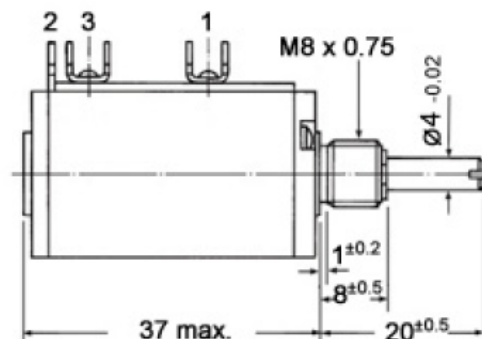
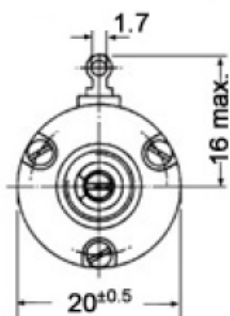
Environmental Specifications

| | |
|-----------------------|-----------------|
| Operating Temperature | -35°C to +105°C |
|-----------------------|-----------------|

Materials

| | |
|-----------------|-----------------------|
| Housing | Thermoset - plastic |
| Shaft / Bushing | Brass - nickel plated |
| Terminals | Brass - tin plated |

Dimensions (mm)



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