

## Wire-Wound Potentionmeter Series

### KLS4-3590 Wire-Wound Potentionmeter Series

#### Electrical Characteristics

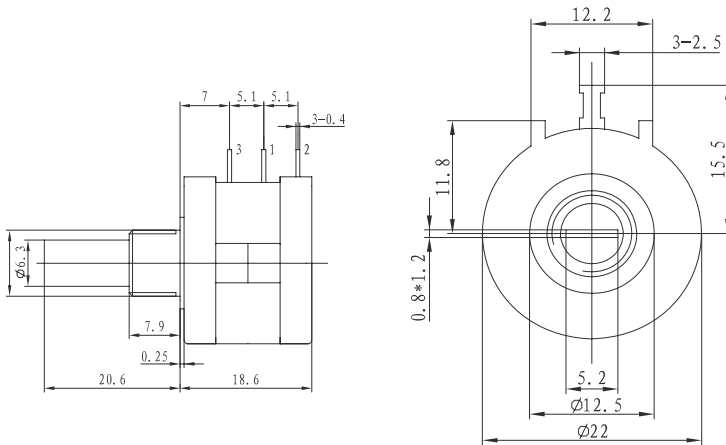
Standard Resistance Range: 100Ω - 100KΩ  
 Resistance Tolerance: ± 5%  
 Independent Linearity: ± 0.5%  
 Effective Electrical Travel: ≥3600°±10°  
 Treninal Resistance: ≤0.2% or 5Ω  
 Noise: ≤3% R or 5Ω  
 Insulation Resistance: R≥1GΩ  
 Withstand Voltage: 101.3kPa 710V, 8.5kPa 470V

#### Environment Characteristics

Rated Power (Max Voltage: 315V): +70°C 2W, +125°C 0W  
 Operating Temperature: -55°C ~ +125°C  
 Temperature Coefficient: ±100ppm/°C  
 Temperature Variation: ΔR≤±2%R, Δ(Uab/Uac)≤±1%  
 Vibration: 390m/s<sup>2</sup>, 4000 times ΔR≤±1% R  
 Collision: 10 ~ 500Hz, 0.75mm, or 98m/s<sup>2</sup>, 6h  
 ΔR≤±1%R, Δ(Uab/Uac)≤±2%  
 Climate Category: ΔR≤±3%R, R<sub>i</sub>≥100MΩ  
 Electrical Endurance at 70°C: 2W, 1000h, R≤±3%R  
 Mechanical Endurance: 10000cycles, ΔR≤±3%R  
 Steady Damp-Heat: ΔR≤±3%R, R<sub>i</sub>≥100MΩ

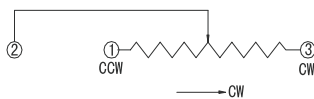
#### Physical characteristics

Total mechanical travel: ≥3600±10 °  
 Staring torque: ≤36mN·m  
 Standard packaging: 10PCS/BOX, 20PCS/BOX



Standard Resistance Table

Resistance (Ohms)	Resistance Code
100	101
200	201
500	501
1,000	102
2,000	202
5,000	502
10,000	103
20,000	203
50,000	503
100,000	104



## ORDER INFORMATION

Product No.: KLS4-3590 S-103-1

Pos. No. \_\_\_\_\_ 1-Aluminum shaft 2-Copper shaft  
 Wire-Wound Potentionmeters Series \_\_\_\_\_ 103:Resistance Code  
 S: Style