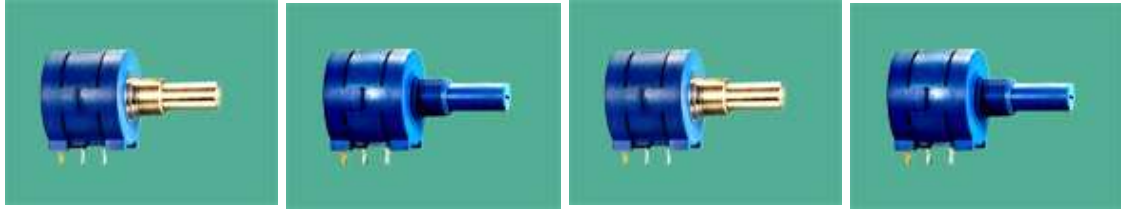


# WXD3590-T trimmer™ Precision Potentiometer

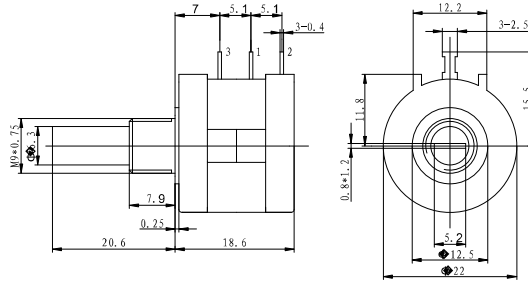
## Features

- Multiturn / Wirewound / Industrial
- Plastic or metal shaft and bushings Trimmer™
- Bushing mount
- Available with shaft (6mm dia.)



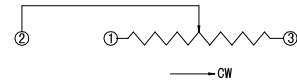
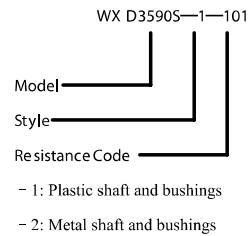
## Electrical Characteristics

- Standard Resistance Range  
100 to 100K ohms  
(see standard resistance table)
- Resistance Tolerance  
± 5% std.
- Independent Linearity  
± 0.5 %
- Effective Electrical Angle  
3600-100min.
- Absolute Minimum Resistance  
0.2% or 5 ohms max.  
(whichever is greater)
- Noise  
100 ohms ENR max.
- Insulation Resistance  
500 vdc  
1,000 megohms min.
- Dielectric Withstanding Voltage  
101.3 kPa 900 vac



WXD3590-1, 2 fig.

## How to order



## Environmental Characteristics

- Power Rating (500 volts max.)  
2 watt (70°C), 0 watt (125°C)
- Temperature Range  
-55°C to +125°C
- Temperature Coefficient  
± 100ppm/°C
- Vibration  
98 m/s<sup>2</sup>  
(1% Δ TR; 1% Δ VR)
- Shock  
490 m/s<sup>2</sup>  
(1% Δ TR; 1% Δ VR)
- Load Life  
1,000 hours 2 watt @ 70°C  
(2% Δ TR)
- Rotational Life  
10000 cycles  
(3% Δ TR)

## Physical Characteristics

- Torque  
36 mN · m max.
- Stop Strength  
300 mN · m min.
- Mechanical angle  
3600-100min.
- Standard Packaging  
10 or 25 pcs. per box

## Standard Resistance Table

Resistance (Ohm)	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

Special resistance available.

Detail Specification: Q/R Y500-2002