

## **Type TW Series**



This high power wire wound potentiometer is a recent addition to the Tyco range. The TW series offers 1 Watt power rating, low terminal resistance and excellent linearity. For a rugged high power control potentiometer at a very attractive price the TW Series will satisfy your requirements.

### **Key Features**

- **■** Wirewound Element
- Proven Reliability
- **Excellent Linearity**
- 1 W Rating at 40°C
- Robust Construction
- Custom Designs Possible

# **Wirewound Spindle Operated Potentiometer**



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### Characteristics -Electrical

Resistance Range:	5R0 to 20K (Linear)
Resistance Values:	1, 2 and 5 in each decade
Resistance Tolerance:	10%
Linearity:	2% maximum
Rated Dissipation at 40°C:	1 W
Maximum Working Voltage:	200V DC
Electrical Rotation:	265° ±5°
Terminal Resistance:	2 ohms
Maximum Wiper Current:	100mA
Insulation Resistance:	1000M Ohms at 500V DC
Voltage Proof:	1000V AC

### Characteristics -Mechanical

Shaft Torque:	3.5 - 100 mNm
Mechanical Rotation:	285° ±5°

### Characteristics - Environmental

Operating Temperature:	-55°C to +125°C	
Temperature Coefficient:	100ppm/°C	
Mechanical Endurance:	10,000 operations	
Sealing:	Enclosed	

### **Dimensions**



