

# **Spindle Operated Potentiometers**



## **Type PC908 Series**

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Where edgewheel operation, high current handling and longlife are required specify the Tyco PC908 Series. Its cermet element ensures stability and high performance. This potentiometer is ideal for use in many industrial and professional equipment applications. It is widely used in business machines, visual display units, medical and telecommunication equipment.

### **Key Features**

- Stable High Resolution Cermet Element
- Easy to Adjust
- Convenient Size
- Proven Reliability
- Up to 1 Watt Power Rating at 40°C
- Log and Linear Laws Available
- Resistant to Most PCB Washing Solvents
- Custom Design Edgewheels Available

| Standard Resistance Range and Laws: | 47 Ohms to 2M2 (Linear)<br>1K Ohm to 1M Ohm (Non Linear) |
|-------------------------------------|--|
| Resistance Values:                  | 1, 2.2 and 4.7 in each decade                            |
| Selection Tolerance:                | ± 20% (± 10% to order)                                   |
| Rated Dissipation at 40°C:          | 1 W (Linear); 0.5 W (Log)                                |
| Limiting Element Voltage:           | 315 V DC or AC   |
| Electrical Rotation:                | 240°   |
| Rotational Noise (CVR):             | < 5%   |

### **Characteristics** -Μ

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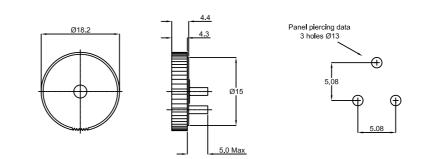
| Starting Torque:     | 30 mNm, maximum   |
|----------------------|-------------------|
| End Stop Torque:     | 90 mNm, minimum   |
| Mechanical Rotation: | 270°              |
| Weight:              | 2.02 gms, maximum |

# **Characteristics -**

**Environmental** 

| Limits of Resistance Change:                                 | 5% (after 1000 hour.endurance) |
|--|--------------------------------|
| Temperature Characteristics of Resistance<br>(20°C to 70°C): | 0.75%                          |
| Climatic Category:   | 40/100/04                      |
| Mechanical Endurance:  | 10,000 Operations, minimum     |

### Dimensions



## How to Order

