

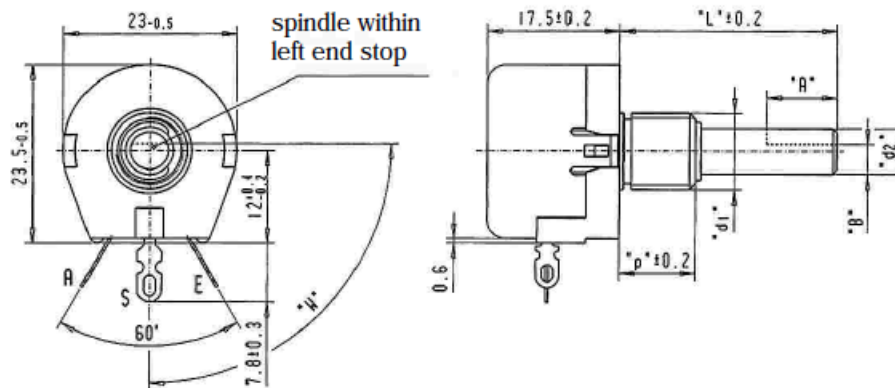
# Wirewound Rotary Potentiometer



## Series ABW1

### Features:

- Encased
- Nominal width 23 mm
- Solder tag terminals
- Ordering number code: 31 096 ...



### Technical data

Rated resistance range: 5 Ω - 22 kΩ  
 Resistance tolerance: ± 10 % (< 10 Ω ± 20 %) on request ± 5 %  
 Law (resistance taper): lin (lg on request)  
 Independent linearity: ± 2 % (on request ± 1 %)  
 Rated dissipation: 1 W / 40 °C  
 Limiting element voltage: 300 V  
 Isolation voltage: 1 kV ~  
 Temperature range: - 40 °C to + 90 °C  
 Temperature coefficient: see table page 84  
 Insulation resistance: 1 GΩ  
 Electrical travel: 265° ± 5°  
 Mechanical travel: 285° ± 5° on request 270° ± 5°  
 Operating torque: 0,8 - 3 Ncm  
 End stop torque: 100 Ncm  
 Durability: 10 000 cycles

### Spindles

- Metal or plastic moulded (see table)
- End of spindle according to customer specification (length, flat)

### Farnell

l (mm)	p (mm)	d <sub>2</sub> (mm)	d <sub>1</sub>
standard	10	6,35	3/8"x 10
25.4			

### General Note

TT Electronics reserves the right to make changes in product specification without notice or liability. All information is subject to TT Electronics' own data and is considered accurate at time of going to print.

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