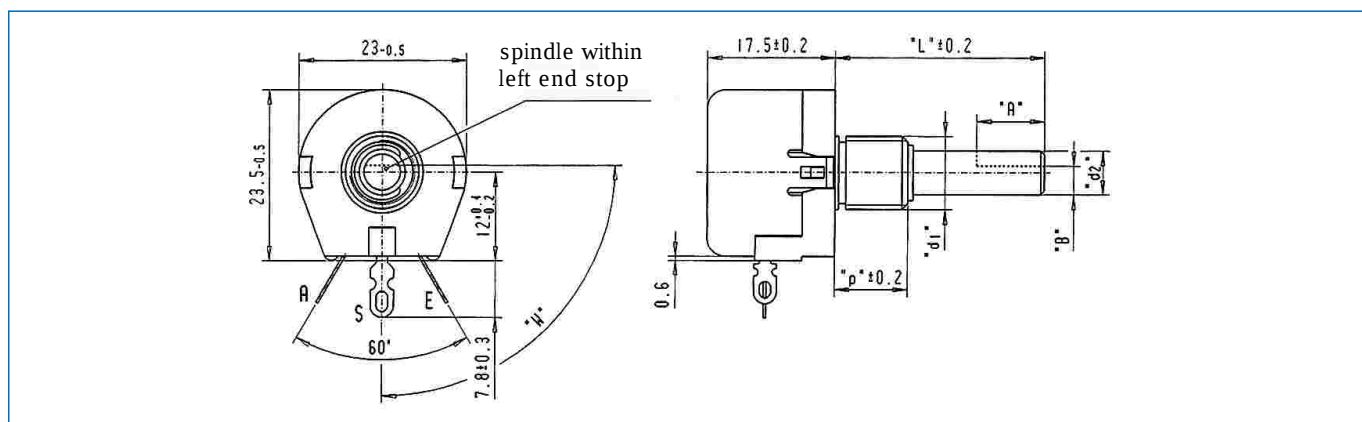
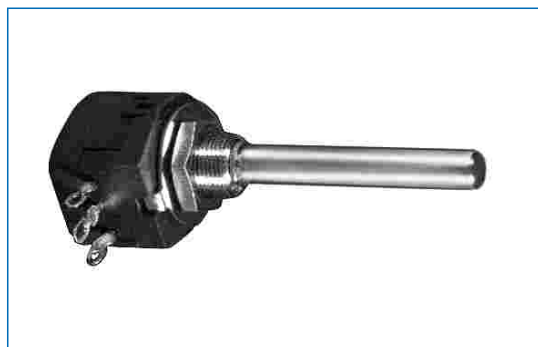


## Series ABW 1

Ordering code no.: 31 096 .....

Type ABW 1

Basic design: encased, nominal width 23 mm, solder tag terminals



### Technical data

Rated resistance range: 5  $\Omega$  - 22 k $\Omega$   
 Resistance tolerance:  $\pm 10\%$  (< 10  $\Omega$   $\pm 20\%$ )  
 on request  $\pm 5\%$   
 Law (resistance taper): lin (lg on request)  
 Independent linearity:  $\pm 2\%$  (on request  $\pm 1\%$ )  
 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 G $\Omega$   
 Electrical travel: 265°  $\pm 5^\circ$   
 Mechanical travel: 285°  $\pm 5^\circ$   
 on request 270°  $\pm 5^\circ$   
 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<br>(mm)        | p<br>(mm) | d <sub>2</sub><br>(mm) | d <sub>1</sub> |
|------------------|-----------|------------------------|----------------|
| standard<br>25.4 | 10        | 6,35                   | 3/8"x 10       |