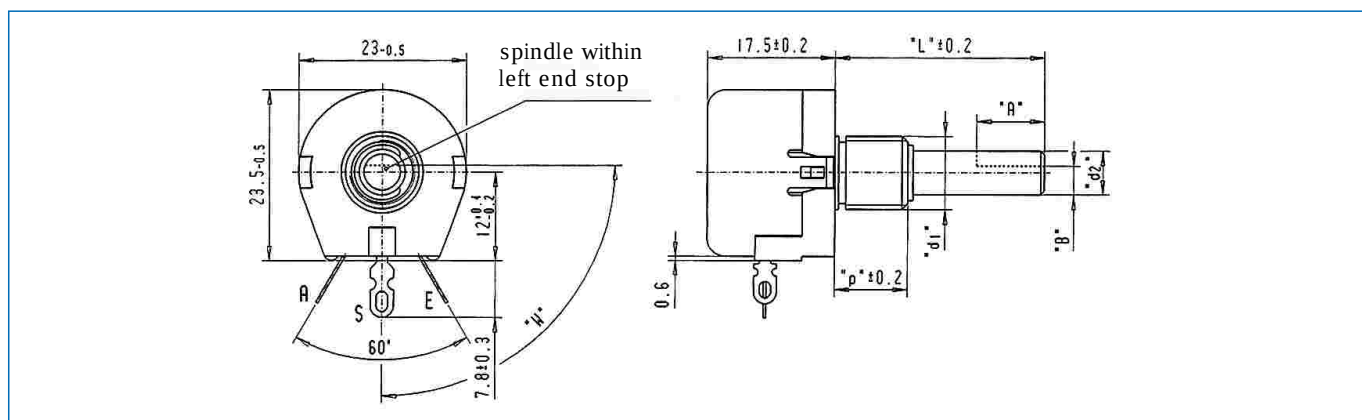
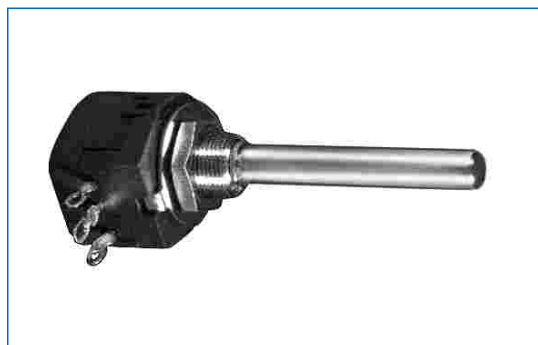


Series ABW 1

Ordering code no.: 31 096

Type ABW 1

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



Technical data

Rated resistance range: $5 \Omega - 22 \text{ k}\Omega$
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: $1 \text{ W} / 40^\circ \text{C}$
Limiting element voltage: 300 V
Isolation voltage: $1 \text{ kV} \sim$
Temperature range: -40°C to $+90^\circ \text{C}$
Temperature coefficient: see table page 84
Insulation resistance: $1 \text{ G}\Omega$
Electrical travel: $265^\circ \pm 5^\circ$
Mechanical travel: $285^\circ \pm 5^\circ$
on request $270^\circ \pm 5^\circ$
Operating torque: $0.8 - 3 \text{ Ncm}$
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 ₂ (mm)	d ₁
standard 25.4	10	6,35	3/8"x 10