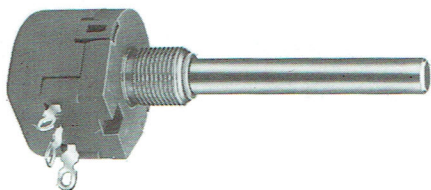


## Series ABW 1

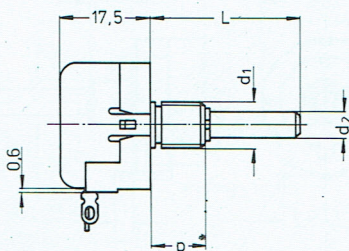
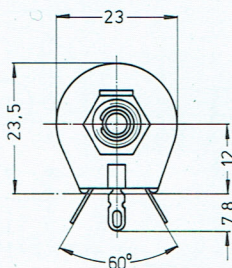
Type ABW 1

## Wirewound single turn rotary potentiometers

Basic design: plastic moulded encased, nominal width 23 mm,  
wire tag terminations



Ordering code no. 31 096 0 ....



### Electrical Specification

Rated resistance range: lin  $1 \Omega - 22 \text{ K}\Omega$   
lg  $22 \Omega - 10 \text{ K}\Omega$   
Law (resistance taper): lin, lg on request  
Tolerance of rated resistance:  $\pm 10\%$ ,  $< 10 \Omega \pm 20\%$   
 $\pm 5\%$  on request  
Rated dissipation:  $1 \text{ W} / 40^\circ \text{ C}$   
Independent linearity:  $\pm 2\%$ ,  $\pm 1\%$  on request  
Limiting element voltage:  $300 \text{ V}$   
Isolation voltage:  $1 \text{ KV} \sim$   
Temperature range:  $-40^\circ \text{ C}$  to  $+90^\circ \text{ C}$   
Insulation resistance:  $1 \text{ G}\Omega$   
Total electr. travel:  $265^\circ \pm 5^\circ$

### Mechanical Specification

Starting torque:  $0,8 - 3 \text{ Ncm}$   
End stop torque:  $100 \text{ Ncm}$   
Total mech. travel:  $285^\circ \pm 5^\circ$   
on request  $270^\circ \pm 5^\circ$   
Spindle: metal, on request  
plastic moulded

l (mm)	p (mm)	d <sub>2</sub> (mm)	d <sub>1</sub> (mm)
standard 50 mm	10, on request 5	6	M 10 x 75

Technical details subject to change.



## AB Elektronik GmbH

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