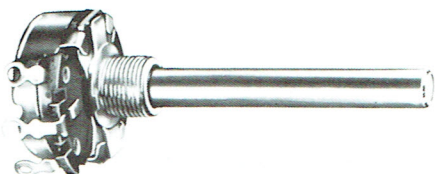


Series AW

Type AW

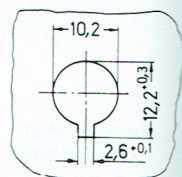
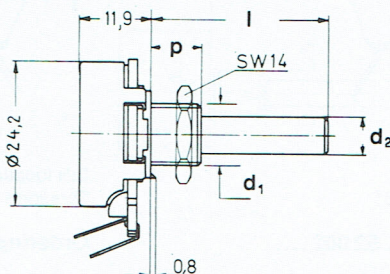
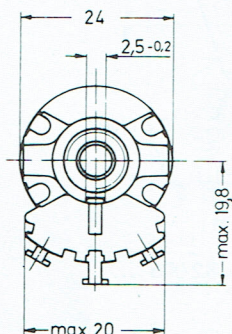
Wirewound single turn rotary potentiometers

Basic design: encased, nominal width 24 mm,
wire tag terminations



Ordering code no. 31 046 0....

Also available as ganged potentiometer
Ordering code no. 31 047 0....



Electrical Specification

Rated resistance range: 1 Ω – 25 kΩ
 Law (resistance taper): lin
 Tolerance of rated resistance: ±10%, < 10 Ω ±20%
 resistance: ±5%, ±2% on request
 Rated dissipation: 4 W / 40°C
 Independent linearity: ±2%
 Limiting element voltage: 500 V
 Isolation voltage: 1 kV~
 Total electr. travel: 280° ±5°

Mechanical Specification

Starting torque: 0,7 – 3,6 Ncm
 End stop torque: 115 Ncm
 Total mech. travel: 300° ±10°
 Spindle: metal
 plastic moulded on request

l	p	d ₂	d ₁
standard 50 mm	8 or 12 mm	6 mm	M 10 x 75

Temperature coefficient and resolution

Rated resistance	10 Ω	22 Ω	47 Ω	100 Ω	220 Ω	470 Ω	1 kΩ	2,2 kΩ	4,7 kΩ	10 kΩ	22 kΩ
T.C. value, 10 ⁻⁶ /°C	+400	+400	+40 -80	+40 -80	+40 -80	+140	±20	±20	±20	±20	±20
Resolution, %	0,75	0,75	0,7	0,5	0,35	0,35	0,3	0,3	0,2	0,15	0,13

Technical details subject to change.



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