



EN: This Datasheet/Document is presented by the manufacturer.

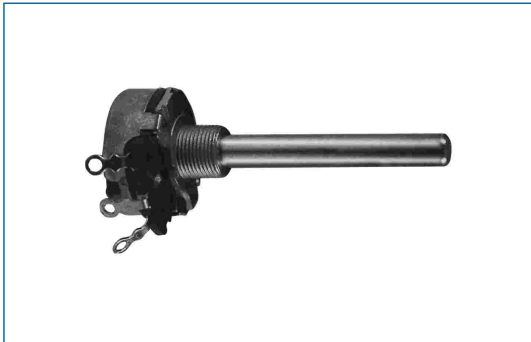
Please visit our website for pricing and availability at www.hestore.hu.

Series AW

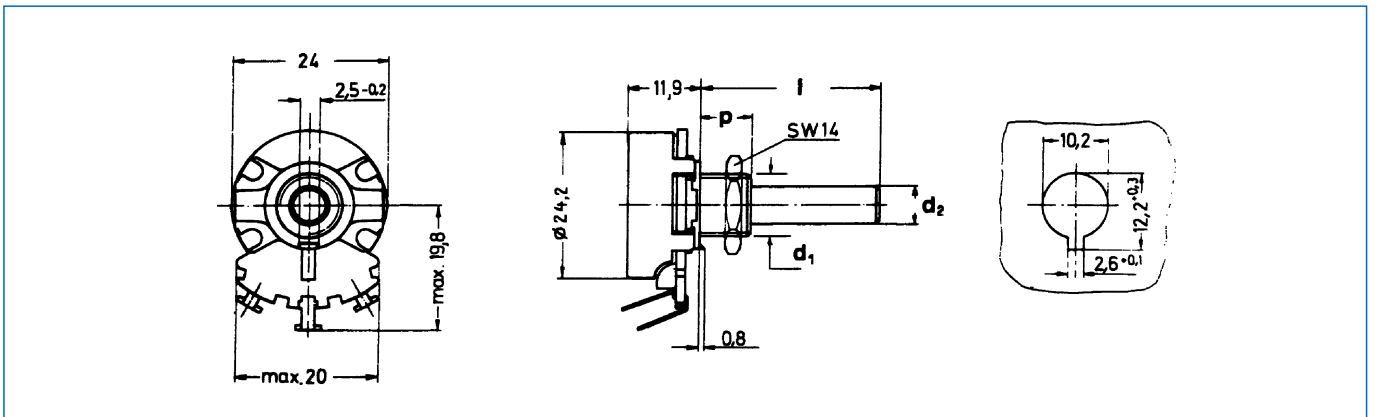
Ordering code no.: 31 046

Type AW

Basic design: encased, nominal width 24 mm, solder tag terminals



also available in ganged version
ordering code no. 31 047



Technical data

Rated resistance range: 5 Ω - 25 k Ω
Resistance tolerance: $\pm 10\%$ (< 10 Ω $\pm 20\%$)
on request $\pm 5\%$, $\pm 2\%$
Law (resistance taper): lin
Independent linearity: $\pm 2\%$
Rated dissipation: 4 W / 40 $^{\circ}\text{C}$
Limiting element voltage: 500 V
Isolation voltage: 1 kV ~
Temperature range: - 40 $^{\circ}\text{C}$ to + 90 $^{\circ}\text{C}$
Temperature coefficient: see table
Electrical travel: 280 $^{\circ}$ $\pm 5^{\circ}$
Mechanical travel: 300 $^{\circ}$ $\pm 10^{\circ}$
Operating torque: 0,7 - 3,6 Ncm
End stop torque: 115 Ncm
Durability: 10 000 cycles

Spindles:

Metal, plastic moulded on request
(see table)

l (mm)	p (mm)	d ₂ (mm)	d ₁
standard 50	8 or 12	6	M10 x 0,75

Temperature coefficient and resolution

RN	10 Ω	25 Ω	50 Ω	100 Ω	250 Ω	500 Ω	1 k Ω	2,5 k Ω	5 k Ω	10 k Ω	25 k Ω
TC-value ppm / $^{\circ}\text{C}$	+ 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