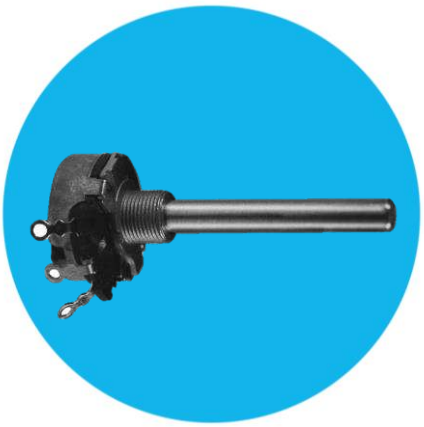
EN: This Datasheet/Document is presented by the manufacturer.

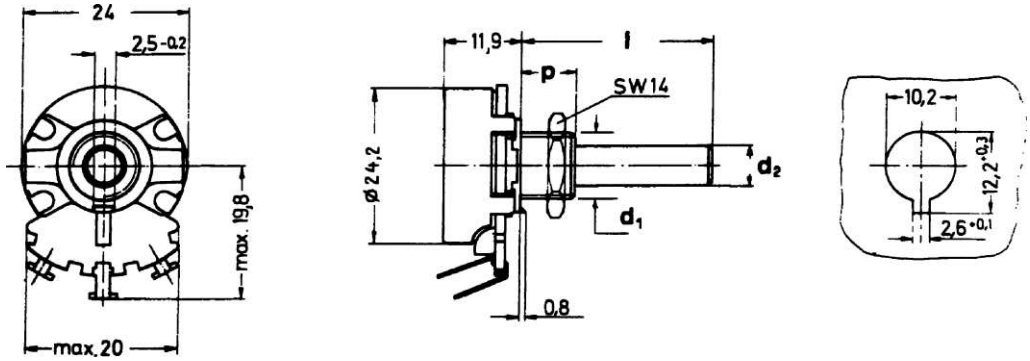
Please visit our website for pricing and availability at www.hestore.hu.

Wirewound rotary potentiometers

AN AVX GROUP COMPANY

Series AW
Type AW
Ordering code no.: 31 046 …..
Basic design: encased, nominal width 24 mm, solder tag terminals





Technical data

Rated resistance range	5 Ω - 25 kΩ	**Temperature range**	-40 °C to +90 °C
Resistance tolerance	± 10 % (< 10 Ω ± 20 %) on request ± 5 % , ± 2 %	**Temperature coefficient**	See table
Law (resistance taper)	lin	**Electrical travel**	280° ± 5°
Independent linearity	± 2 %	**Mechanical travel**	300° ± 10°
Rated dissipation	4 W / 40 °C	**Operating torque**	0.7 - 3.6 Ncm
Limiting element voltage	500 V	**End stop torque**	115 Ncm
Isolation voltage	1 kV~	**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	10Ω	25Ω	50Ω	100Ω	250Ω	500Ω	1 kΩ	2,5 kΩ	5 kΩ	10 kΩ	25 kΩ
TC-value ppm / °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

General Note This datasheet does not give any information on product availability. The information given is just meant to describe the product and is not to be considered as guaranteed characteristics in the legal sense. All products are subject to design changes in the interest of further technical development.
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