

Electrical spec.	AL1703	AL1705	AL1710
Resistance value (Ω)	100 – 50 k	100 – 50 k	100 – 100 k
Tolerance (%)	± 5	± 5	± 5
Linearity (%)	± 0.25	± 0.25	± 0.25
Power at 20°C (0 to +105°C) (W)	0.5	1	2
Electrical stroke $\pm 5^\circ$ ($^\circ$)	1080	1800	3600
Residual (Ω)	1 Ω or 0.2 %, the highest value.		
Wipper current (mA)	0.1 recommended / 35 maxi		
Insulation	1000 M Ω under 500VDC		
E.N.R. (Ω)	< 100		
Mechanical spec.			
Whole turns	3	5	10
Mechanical stroke ($^\circ$) +10 -0	1080	1800	3600
Operating friction (Ncm)	<1	<1	<1
Stopper strength (Ncm)	35	35	35
Max bushing pressure (Ncm)	100	100	100
Max. rotation speed (T/min)	40	40	40
Life time (operations)	300 000	500 000	1x10 ⁶
Guiding	sleeves	sleeves	sleeves
Weight (g)	20	20	20
Environmental spec.			
Operating temperature ($^\circ$ C)	-55 à +105		
Material			
Housing	Polyamide		
Shaft	Amagnetic stainless steel		
Pins	Gold coloured brass		
Accessories	Nuts		

sf_al1703-1705-1710_0903_f03 – Datasheet & product can be modified without notice

Maximum wipper current is 35 mA

In our range, we also offer counting dials.

Kindly contact us for any special version.

Technical datas can be modified without notice

Main possible options :

Special Tolerance et linearity.

Special shafts (diam, length)

Rear shafts

Tandem version

Upon special request :

Special electrical strokes

Neutral zones



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