

Multi - Turn - Potentiometer DMG23 Ze Lt

Central fixing M10 x 0,75, for mechanical adjustment, maintenance-free sliding bearing

ALTMANN
— precision-potentiometer —

The Multi – Turn – Potentiometer DMG 23 is fit with an aluminium housing and a maintenance-free sliding bearing to come up to industrial needs.

Therefore the DMG 23 is a very precise and reliable Multi – Turn – Potentiometer with an infinity resolution, adjustable by manual or mechanical operation.

The standard housing protection class is IP 62 (protection against dust and falling water drops), housing protection class IP 65 (protection against dust and water jet) can be obtained on request.

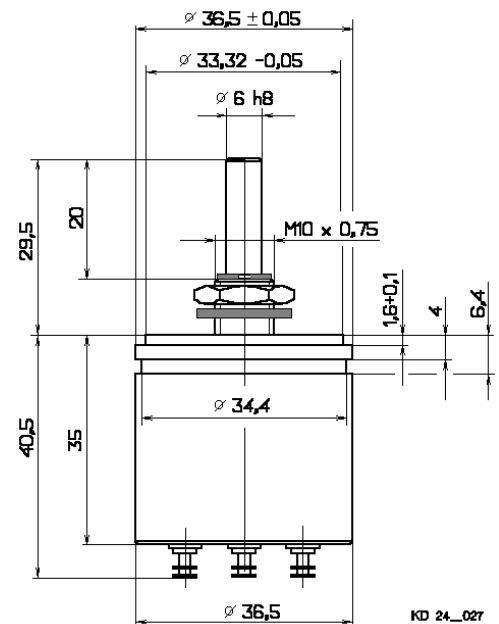


mechanical data

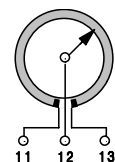
- 1.1 housing..... : aluminium
- 1.2 shaft..... : stainless steel $\varnothing 6^{h8}$
- 1.3 bearing..... : maintenance-free sliding bearing
- 1.4 resistor element..... : wirewound, hybrid element
- 1.5 slider tap / wiper tap..... : noble metal
- 1.6 housing protection class : IP 62
- 1.7 type of connection..... : solder terminal
- 1.8 mounted by..... : central fixing M10 x 0,75
- 1.9 mechanical travel..... : see table
- 1.10 electrical travel..... : see table
- 1.11 rotation speed..... : max. 120 rpm
- 1.12 torque..... : 0,6 Ncm
- 1.13 rotation load life..... : 2×10^6 shaft revolutions Hybrid: 5 Mio

electrical data

- 2.1 resistance value..... : 1K ... 100KOhm
- 2.2 resistance tolerance..... : +5%, Hybrid $\pm 10\%$
- 2.3 linearity tolerance..... : $\pm 0,25\%$
- 2.4 insulation tolerance..... : 1000 M-Ohm
- 2.5 test voltage..... : 1000 V
- 2.6 power rating..... : max. 2,0 Watt
- 2.7 temperature range..... : -25°C bis +85°C
- 2.8 temperature coefficient..... : 150 ppm/°C



Connection		Orderno.	Type	Turns	Watt
Solder connection		24 161	DMG23 / 10 Ze Lt	10 turn	2,0
		24 311	DMG23 / 10 Ze Lt Hy		
		24 151	DMG23 / 05 Ze Lt	5 turn	1,5
		24 141	DMG23 / 03 Ze Lt	3 turn	1,0
Plug connection		24 162	DMG23 / 10 Ze Rk	10 turn	2,0
		24 312	DMG23 / 10 Ze Rk Hy		
		24 152	DMG22 / 05 Ze Rk	5 turn	1,5
		24 142	DMG23 / 03 Ze Rk	3 turn	1,0
Cable connection		24 163	DMG23 / 10 Ze Ka	10 turn	2,0
		24 313	DMG23 / 10 Ze Ka Hy		
		24 153	DMG23 / 05 Ze Ka	5 turn	1,5
		24 143	DMG23 / 03 Ze Ka	3 turn	1,0



Anschlussplan

Punkt	Funktion
11	Wicklung 1
12	Schleifer 1
13	Wicklung 1

article #: 244.051000
sheet: KE2406.DOC
updated: 19.04.01
order #: See table
side: 24_07