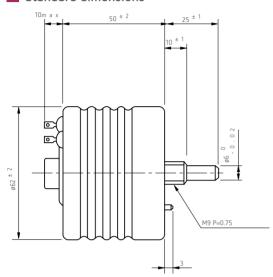
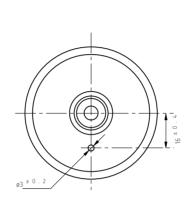




OF50

Standard dimensions







Model 0F50

Note: 1 pc. each inner teeth washer and 2 pcs. hex nut are attached

General Specifications

Standard Resistance

Range: 100Ω to $20k\Omega$

Max. Practical

Resistance Value: 50kΩ

Total Resistance

Tolerance: Standard Class ±10% (K)

Precision Class ±5% (J)

Independent Linearity

Tolerance:

Standard Class ±1.0% Precision Class ±0.5%

Power Rating: 0.5W

Noise: Within 100Ω E.N.R.

Electrical Travel: 280° ±5° Mechanical Travel: 300° ±5°

Insulation Resistance: Over 100MΩ at 1,000 V.D.C.

Dielectric Strength: 1 minute at 1,000 V.A.C.

Starting Torque: Within 30mN⋅m (300gf⋅cm)

Stopper Strength: Approx. 0.9N⋅m (9kgf⋅cm)

Resist. Temperature

Coefficient of Wire: Mass:

±20p.p.m./°C Approx. 300g

Standard Resistance Values | No. Of Wire Turns | Resistance Wire Used

Resist. Value (Ω)	100	200	500	1k	2k	5k	10k	20k	※ 50k
No. of wire turns	2 6 0	3 2 0	3 7 0	4 2 0	5 5 0	6 5 0	9 0 0	1,000	1,200
Resist. wire used	Cu-Ni System					Ni-Cr System			

Note: Mark **%**shows value at special higher practical resistance

Standard Specifications Available

Extra taps (available up to 1 tap), multi-ganged (available up to 2 gangs), special electrical travel, shaft dia. (ø 6.35mm) • bushing with inch dimensions, special machining on the shaft, without stopper (electrical travel remains 280° ±5°, shaft with front and rear extension (rear shaft with 6mm dia. and 25mm length).

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The information provided herein is to the best of our knowledge true and accurate, it is provided for quidance only. All specifications are subject to change without prior notification.

Althen stands for pioneering measurement and custom sensor solutions. In addition we offer services such as calibration, design & engineering, training and renting of measurement equipment.

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