

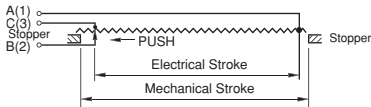
MODEL OF40LP

- Wirewound
- With front extended shaft and with connector
- RoHS Compliant



Model OF40LP300
(Photo:Terminal type)

Terminal Connection Diagram



Standard Model Numbers

Stroke 100mm	OF40LP100
Stroke 200mm	OF40LP200
Stroke 300mm	OF40LP300

Standard Dimensions

Specifications of Connector
 Water-proof type
 Number of poles: 6 poles
 Diameter of electrical wire: ϕ 6.3mm max.

Model No.	Mechanical Stroke (MS)	L ₁	L ₂
OF40LP100	Approx. 105	328	252
OF40LP200	Approx. 205	428	352
OF40LP300	Approx. 305	528	452

General Specifications

Model No.	OF40LP100	OF40LP200	OF40LP300
Standard Resistance Range	100 Ω ~ 20k Ω	100 Ω ~ 50k Ω	200 Ω ~ 50k Ω
Max. Practical Resistance Value	40k Ω	80k Ω	100k Ω
Total Resistance Tolerance	Standard Class	\pm 5% (J)	
	Precision Class	\pm 3% (H)	
Independent Linearity Tolerance	Standard Class	\pm 0.5%	\pm 0.3%
	Precision Class	\pm 0.25%	\pm 0.1%
Power Rating	1.0W	2.0W	3.0W
Noise	Within 100 Ω E.N.R.		
Electrical Stroke	100 \pm 1mm	200 \pm 1mm	300 \pm 1mm
Mechanical Stroke (MS)	Approx. 105mm	Approx. 205mm	Approx. 305mm
Insulation Resistance	Over 100M Ω at 500V.D.C.		
Dielectric Strength	1 minute at 900V.A.C.		
Friction	Within 20N (2kgf)		
Stopper Strength	Approx. 90N (9kgf)		
Resistance Temperature Coefficient	\pm 20 p.p.m./ $^{\circ}$ C		
Mass	Approx. 1,000g	Approx. 1,200g	Approx. 1,500g

Standard Resistance Values ■ No. of Wire Turns ■ Resistance Wire Used

Resist. Value (Ω)	100	200	500	1k	2k	5k	10k	20k	50k	100k
OF40LP100	530	670	910	800	1,000	1,400	1,700	2,200	—	—
OF40LP200	830	1,050	1,400	1,800	1,600	2,200	2,850	3,450	4,900	—
OF40LP300	—	1,400	1,900	2,400	2,200	3,000	3,800	4,750	6,450	※ 8,000
Resist. Wire Used	Cu-Ni System				Ni-Cr System					

Note: Mark ※ shows special high resistance value.

Special Specifications Available

- Stroke 500mm (SOF40LP500)
- Extra tap (Available up to 1 tap)
- Special machining on the shaft
- Non-oil-filled type
- With conductive plastic resistive element (OF40FLP)

(In case of the potentiometer with special specifications, the general specifications and environmental specifications may change. Please consult us in advance.)