

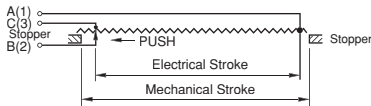
MODEL OF20LP

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



Model OF20LP50

Terminal Connection Diagram



Standard Model Numbers

Stroke 50mm	OF20LP50
Stroke 100mm	OF20LP100
Stroke 200mm	OF20LP200

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
OF20LP50	Approx. 53	135±1
OF20LP100	Approx. 103	185±1
OF20LP200	Approx. 203	285±1

Note: 1 pc. of inner teeth washer and hex nut is attached.

General Specifications

Model No.	OF20LP50	OF20LP100	OF20LP200
Standard Resistance Range	100,200,500, 1k,2k,5k,10kΩ	100,200,500, 1k,2k,5k,10k,20kΩ	100,200,500, 1k,2k,5k,10k,20k,50kΩ
Max. Practical Resistance Value	20kΩ	40kΩ	80kΩ
Total Resistance Tolerance	Standard Class	±5% (J)	
	Precision Class	±3% (H)	
Independent Linearity Tolerance	Standard Class	±0.7%	±0.5%
	Precision Class	±0.4%	±0.25%
Power Rating	0.75W	1.0W	2.0W
Noise	Within 100Ω E.N.R.		
Electrical Stroke	50±1mm	100±1mm	200±1mm
Mechanical Stroke (MS)	Approx. 53mm	Approx. 103mm	Approx. 203mm
Insulation Resistance	Over 100MΩ at 500V.D.C.		
Dielectric Strength	1 minute at 900V.A.C.		
Friction	Within 15N (1,500gf)(1.5kgf)		
Stopper Strength	Approx. 90N (9kgf)		
Resistance Temperature Coefficient	±20 p.p.m./°C		
Mass	Approx. 100g	Approx. 150g	Approx. 180g

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

Resist. Value (Ω)	100	200	500	1k	2k	5k	10k	20k	50k
OF20LP50	380	480	470	590	740	1,000	1,250	※ 1,600	—
OF20LP100	610	770	740	930	1,200	1,600	2,000	2,500	—
OF20LP200	970	1,200	1,650	1,500	1,850	2,500	3,200	4,000	※ 5,550
Resist. Wire Used	Cu-Ni			Ni-Cr					

Note: Mark ※ shows special high resistance value.

Special Specifications Available

- Extra tap (Available up to 1 tap)
- Special machining on the shaft
- Non-oil-filled type

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