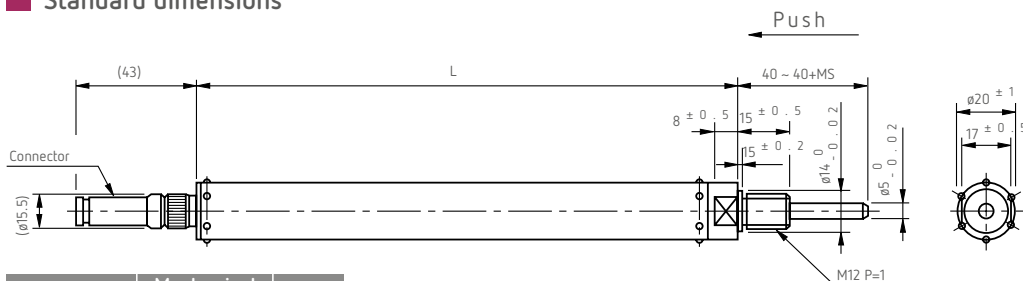




mm OF20LP

Standard dimensions



Model No.	Mechanical Stroke (MS)	L
OF20LP50	Approx. 53	135±1
OF20LP100	Approx. 103	185±1
OF20LP200	Approx. 203	285±1



Model OF20LP50

Specifications of Connector

Water-proof type

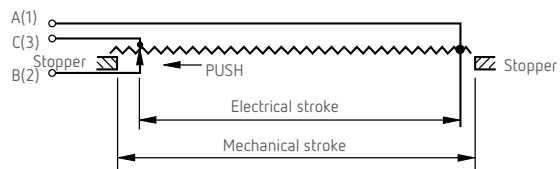
Number of poles: 6 poles

Electrical wire diameter

to be connected: $\phi 6.3\text{mm}$ max

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

Terminal Connection Diagram



Standard Model Nos.

OF20LP50	stroke	50mm
OF20LP100	stroke	100mm
OF20LP200	stroke	200mm

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	※1,000	-	
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	-	
Resist. Wire used	Cu-Ni system					Ni-Cr system				

Note: Mark ※ shows values at special higher practical resistance

General Specifications

Model No.	OF20LP50	OF20LP100	OF20LP200
Standard Resistance Range	100Ω ~ 10kΩ	100Ω ~ 20kΩ	100Ω ~ 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 (90kgf)		
Max. Working Voltage	200V		
Resistance Temperature Coefficient of Wire	±20 p.p.m./°C		
Mass	Approx. 100g	Approx. 150g	Approx. 180g

Special Specifications Available

Extra taps (available up to 1 tap), special machining on the shaft, non-oil filled type.

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

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