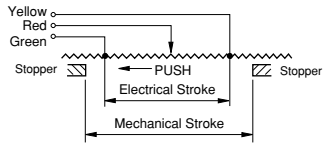
MODEL OF10LP (With front and rear extended shaft and with leadwires)

Model OF10LP100

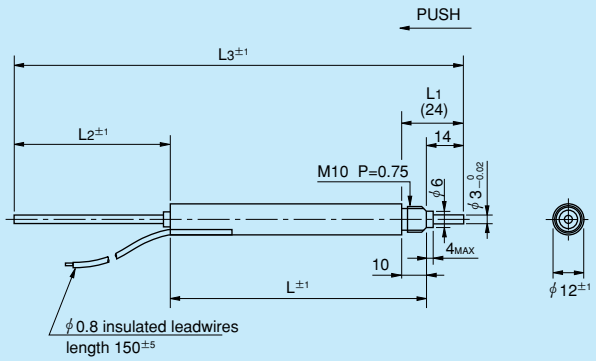
●Terminal Connection Diagram



●Standard Model Nos.

OF10LP30 Stroke 30mm
OF10LP50 Stroke 50mm
OF10LP100 Stroke 100mm

●Standard Dimensions



Model No.	L	L1	L2	L3
OF10LP30	75	24	46	145
OF10LP50	95	24	66	185
OF10LP100	145	24	116	285

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

●General Specifications

Model No.		OF10LP30	OF10LP50	OF10LP100
Standard Resistance Range		100Ω～5kΩ	100Ω～10kΩ	100Ω～20kΩ
Max. Practical Resistance Value		10kΩ	20kΩ	40kΩ
Total Resistance Tolerance	Standard Class	±5% (J)		
	Precision Class	±3% (H)		
Independent Linearity Tolerance	Standard Class	±1%	±0.7%	±0.5%
	Precision Class	±0.5%	±0.4%	±0.25%
Power Rating		0.5W	0.75W	1.0W
Noise		Within 100Ω E.N.R.		
Electrical Stroke		30±1mm	50±1mm	100±1mm
Mechanical Stroke (MS)		Approx. 32mm	Approx. 52mm	Approx. 102mm
Insulation Resistance		Over 100MΩ at 500V.D.C.		
Dielectric Strength		1 minute at 500V.A.C.		
Friction		Within 6N (600gf)		
Stopper Strength		Approx. 90N (9kgf)		
Max. Working Voltage		100V		
Resistance Temperature Coefficient of Wire		±20 p.p.m./℃		
Mass		Approx. 40g	Approx. 50g	Approx. 60g

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

Resist. Value (Ω)	100	200	500	1k	2k	5k	10k	20k
OF10LP30	220	280	380	470	590	830	※1,000	—
OF10LP50	430	390	530	660	830	1,150	1,450	※1,800
OF10LP100	710	870	830	1,050	1,300	1,800	2,300	2,900
Resist. Wire Used	Cu-Ni System		Ni-Cr System					

Note: Mark ※shows values at special higher practical resistance.

●Special Specifications Available

Special machining on the shaft, Non-oil-filled type.