

# MODEL OF40LP

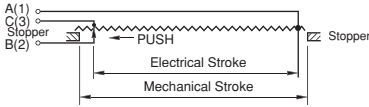
- Wirewound
- With front extended shaft and with connector
- RoHS Compliant

## ● Standard Dimensions



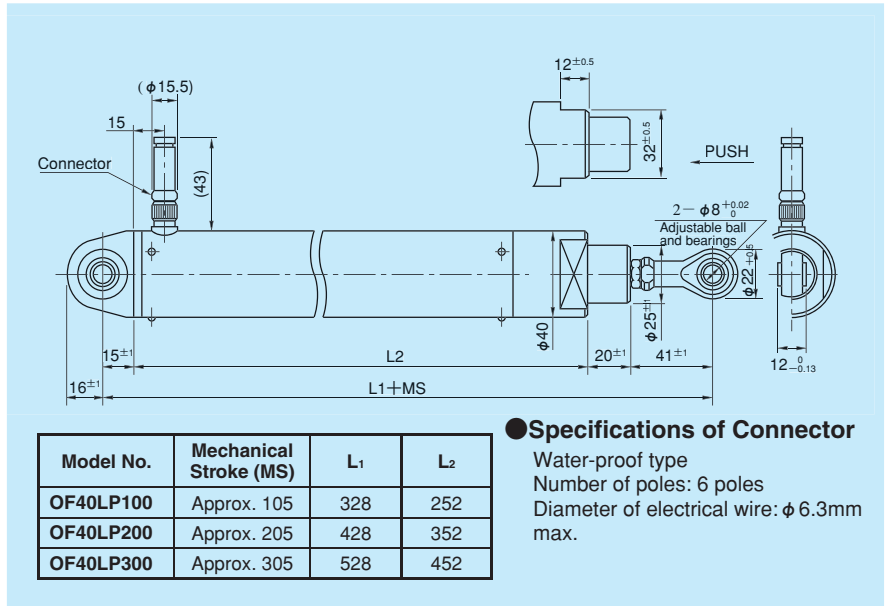
Model OF40LP300  
(Photo:Terminal type)

### ● Terminal Connection Diagram



### ● Standard Model Numbers

Stroke 100mm	<b>OF40LP100</b>
Stroke 200mm	<b>OF40LP200</b>
Stroke 300mm	<b>OF40LP300</b>



### ● Specifications of Connector

Water-proof type  
Number of poles: 6 poles  
Diameter of electrical wire:  $\phi$  6.3mm max.

### ● General Specifications

Model No.	OF40LP100	OF40LP200	OF40LP300
<b>Standard Resistance Range</b>	100,200,500, 1k,2k,5k,10k,20k $\Omega$	100,200,500, 1k,2k,5k,10k,20k,50k $\Omega$	200,500, 1k,2k,5k,10k,20k,50k $\Omega$
<b>Max. Practical Resistance Value</b>	40k $\Omega$	80k $\Omega$	100k $\Omega$
<b>Total Resistance Tolerance</b>	<b>Standard Class</b>	$\pm 5\%$ (J)	
	<b>Precision Class</b>	$\pm 3\%$ (H)	
<b>Independent Linearity Tolerance</b>	<b>Standard Class</b>	$\pm 0.5\%$	$\pm 0.3\%$
	<b>Precision Class</b>	$\pm 0.25\%$	$\pm 0.1\%$
<b>Power Rating</b>	1.0W	2.0W	3.0W
<b>Noise</b>	Within 100 $\Omega$ E.N.R.		
<b>Electrical Stroke</b>	100 $\pm$ 1mm	200 $\pm$ 1mm	300 $\pm$ 1mm
<b>Mechanical Stroke (MS)</b>	Approx. 105mm	Approx. 205mm	Approx. 305mm
<b>Insulation Resistance</b>	Over 100M $\Omega$ at 500V.D.C.		
<b>Dielectric Strength</b>	1 minute at 900V.A.C.		
<b>Friction</b>	Within 20N (2kgf)		
<b>Stopper Strength</b>	Approx. 90N (9kgf)		
<b>Resistance Temperature Coefficient</b>	$\pm 20$ p.p.m./ $^{\circ}$ C		
<b>Mass</b>	Approx. 1,000g	Approx. 1,200g	Approx. 1,500g

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

Resist. Value ( $\Omega$ )	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				Ni-Cr					

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

Oil-filled ▶ Contact type ▶ Wirewound