



# 13FLP

Conductive Plastic · With front extended shaft  
Low-cost Item · RoHS Compliant

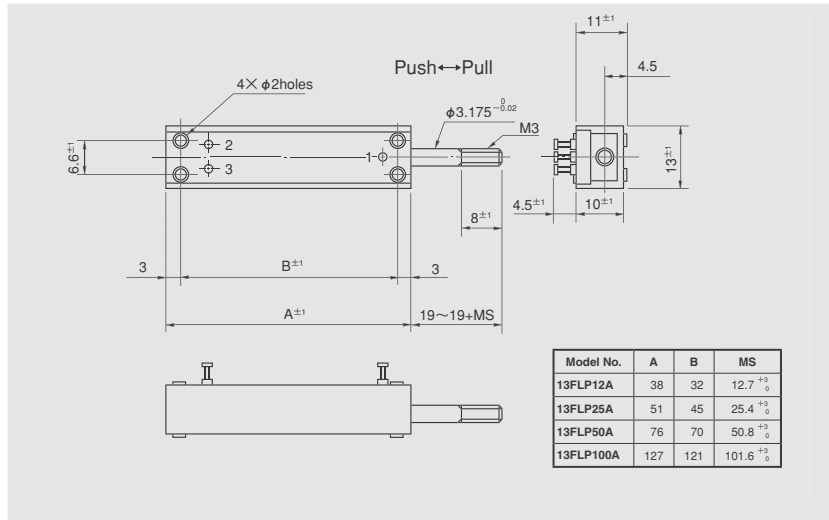


Model 13FLP25A



Model 13FLP100A

## Standard Dimensions



## Standard Model Numbers

Stroke	12mm	13FLP12A
Stroke	25mm	13FLP25A
Stroke	50mm	13FLP50A
Stroke	100mm	13FLP100A

## General Specifications

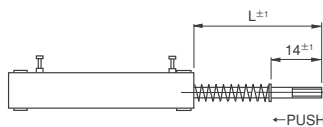
Model No.	13FLP12A	13FLP25A	13FLP50A	13FLP100A
<b>Standard Resistance Values</b>	500,1k,2k,5k,10k (Ω)	500,1k,2k,5k,10k (Ω)	1k,2k,5k,10k,20k (Ω)	1k,2k,5k,10k,20k (Ω)
<b>Total Resistance Tolerance</b>	±20% (M)			
<b>Independent Linearity Tolerance</b>	<b>Standard Class</b>	±2.0%	±1.5%	±1.0%
	<b>Precision Class</b>	±1.0%	±0.7%	±0.5%
<b>Resolution</b>	Essentially Infinite			
<b>Output Smoothness</b>	Within 0.1% against input voltage			
<b>Contact Resistance Variation</b>	Within 2% C.R.V.			
<b>Power Rating</b>	0.2W	0.4W	0.7W	1.2W
<b>Electrical Stroke</b>	12.7±0.5mm	25.4±0.5mm	50.8±0.5mm	101.6±0.5mm
<b>Mechanical Stroke (MS)</b>	12.7 <sup>+3</sup> <sub>0</sub> mm	25.4 <sup>+3</sup> <sub>0</sub> mm	50.8 <sup>+3</sup> <sub>0</sub> mm	101.6 <sup>+3</sup> <sub>0</sub> mm
<b>Insulation Resistance</b>	Over 1,000MΩ at 500V.D.C.			
<b>Dielectric Strength</b>	1 minute at 500V.A.C.			
<b>Friction</b>	Within 0.5N (50gf)			Within 1.0N (100gf)
<b>Stopper Strength</b>	Approx. 20N (2kgf)			
<b>Resistance Temperature Coefficient</b>	±400p.p.m./°C			
<b>Mass</b>	Approx. 10g	Approx. 15g	Approx. 25g	Approx. 35g

## Special Specifications Available

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

- Spring return device mounted on the shaft (Friction is referred as within table.)
- Special machining on the shaft
- Wirewound resistive element type (13LP series)

In case of 13FLP series with spring return device, please note the following:  
The spring return device is mounted on the outside shaft, of which dimension is as per the table.



Model No.	L	Friction
S13FLP12A	30~30+MS	3.5N (350gf)
S13FLP25A	35~35+MS	5 N (500gf)
S13FLP50A	40~40+MS	5 N (500gf)
S13FLP100A	50~50+MS	5 N (500gf)

Note: MS means Mechanical Stroke.