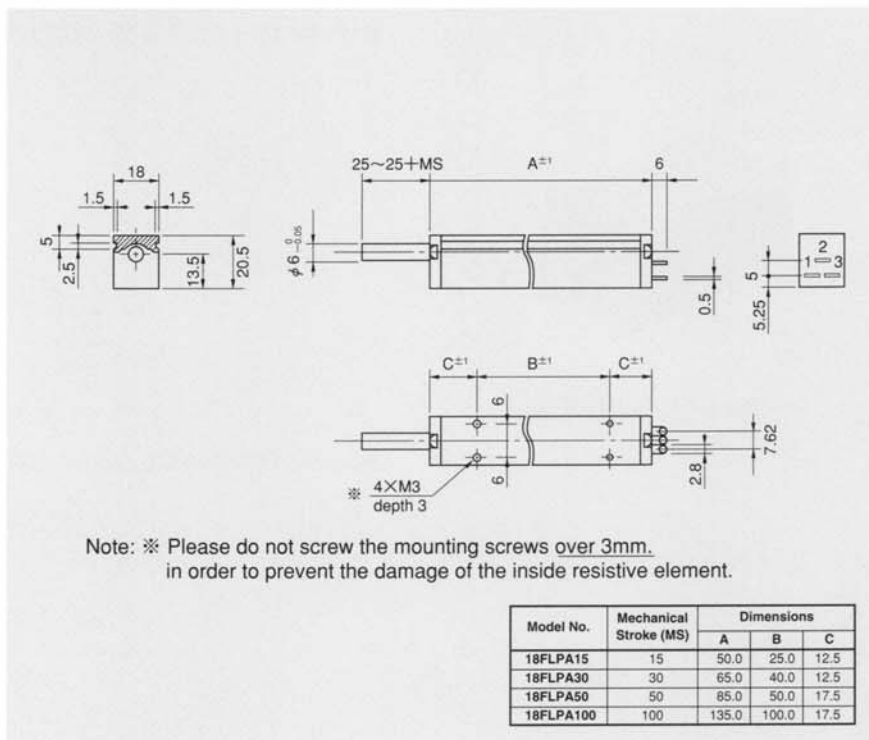


●Standard Dimensions



●Standard Model Nos.

18FLPA15	Stroke	15mm
18FLPA30	Stroke	30mm
18FLPA50	Stroke	50mm
18FLPA100	Stroke	100mm

●General Specifications

Model No.		18FLPA15	18FLPA30	18FLPA50	18FLPA100
Standard Resistance Values		500,1k,2k,5k,10k (Ω)	500,1k,2k,5k,10k (Ω)	500,1k,2k,5k,10k (Ω)	1k,2k,5k,10k,20k (Ω)
Total Resistance Tolerance		±10% (K)			
Independent Linearity Tolerance	Standard Class	±0.7%		±0.4%	±0.3%
	Precision Class	±0.5%		±0.25%	±0.2%
Resolution		Essentially Infinite			
Output Smoothness		Below 0.1% against input voltage			
Contact Resistance Variation		Below 2% C.R.V.			
Power Rating		0.3W	0.6W	0.75W	1.25W
Electrical Stroke		15±0.5mm	30±0.5mm	50±0.5mm	100±0.5mm
Mechanical Stroke (MS)		15 ⁺² ₀ mm	30 ⁺² ₀ mm	50 ⁺² ₀ mm	100 ⁺² ₀ mm
Insulation Resistance		Over 1,000MΩ at 1,000V.D.C.			
Dielectric Strength		1 minute at 1,000V.A.C.			
Friction		Below 0.3N (30gf)		Below 1N (100gf)	
Stopper Strength		Approx. 90N (9kgf)			
Resistance Temperature Coefficient		±400p.p.m./°C			
Mass		Approx. 60g	Approx. 70g	Approx. 100g	Approx. 140g

●Special Specifications Available

Stroke 150mm (S18FLPA150), Stroke 200mm (S18FLPA200), Sealed type (IP54, The length of "A" is extended by abt. 6mm.), With spring return device (up to 100mm. stroke. Friction is 3N [300gf]. Spring return device is mounted on the outer shaft and the shaft is extended by some extent depending on the models. For details, please ask us.), Special machining on the shaft.