

Selection Guide of LP-FJ



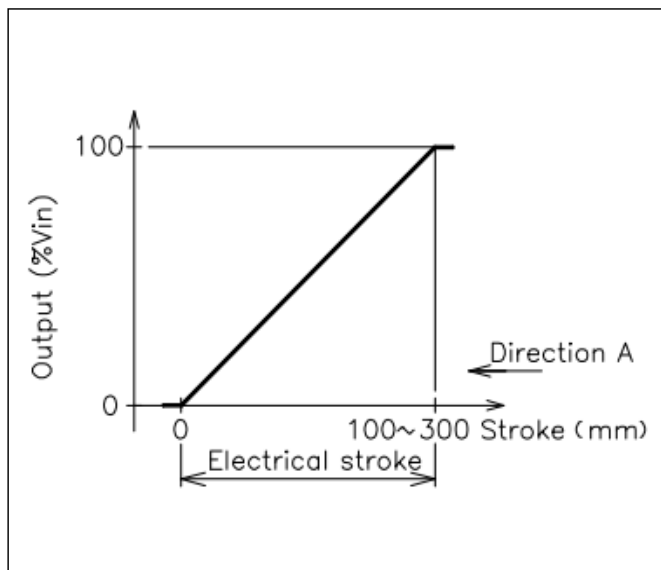
Linear Potentiometer which using Conductive Plastic Element.

Subject		Specifications					
		LP -50FJ/ LP -50FJS	LP -100FJ/ LP -100FJS	LP -150FJ/ LP -150FJ	LP -200FJ/ LP -200FJ	LP -250F/ LP -250FJ	LP -300FJ/ LP -300FJS
Basic Characteristics	Dimension	Φ22×88 mm	Φ22×138 mm	Φ22×188 mm	Φ22×238 mm	Φ22×288 mm	Φ22×338 mm
	Mass	120g approx.	160g approx.	200g approx.	240g approx.	280g approx.	320g approx.
	Effective Electrical Travel	50±0.5 mm	100±0.5 mm	150±0.5 mm	200±0.5 mm	250±1 mm	300±1 mm
	Independent Linearity	±0.5% (±0.2%)	±0.3% (±0.1%)				
	Total Resistance	1kΩ , 5kΩ				5kΩ	10kΩ
	Output	Ratio metric					
Electrical	Output Range	Ratio metric output 0~100%					
	Resolution	Infinitesimal					
	Input voltage	DC36V / 50℃					
	Temp. Coefficient of Resistance	±400ppm / K					
Environmental	Life	5 Million cycle					
	Category Temp. Range	-25~+80℃					
	Vibration	100m/s ² 20~500Hz 3 axes 2 hours3					
	Shock	500m/s ²					
	IP Rating	Standard : IP40 / Water-drip proof : IP65					

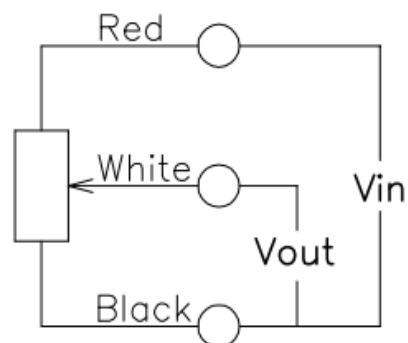
Model Number Designation

LP	-	XXX	FJ	S	-	XX	1KΩ
Series Number		Elect. Travel		IP Rating		Custom	Total Resistance
		50, 100, 150 200, 250, 300		None : IP40 S : IP65			1, 5, 10KΩ

■ Output Characteristics

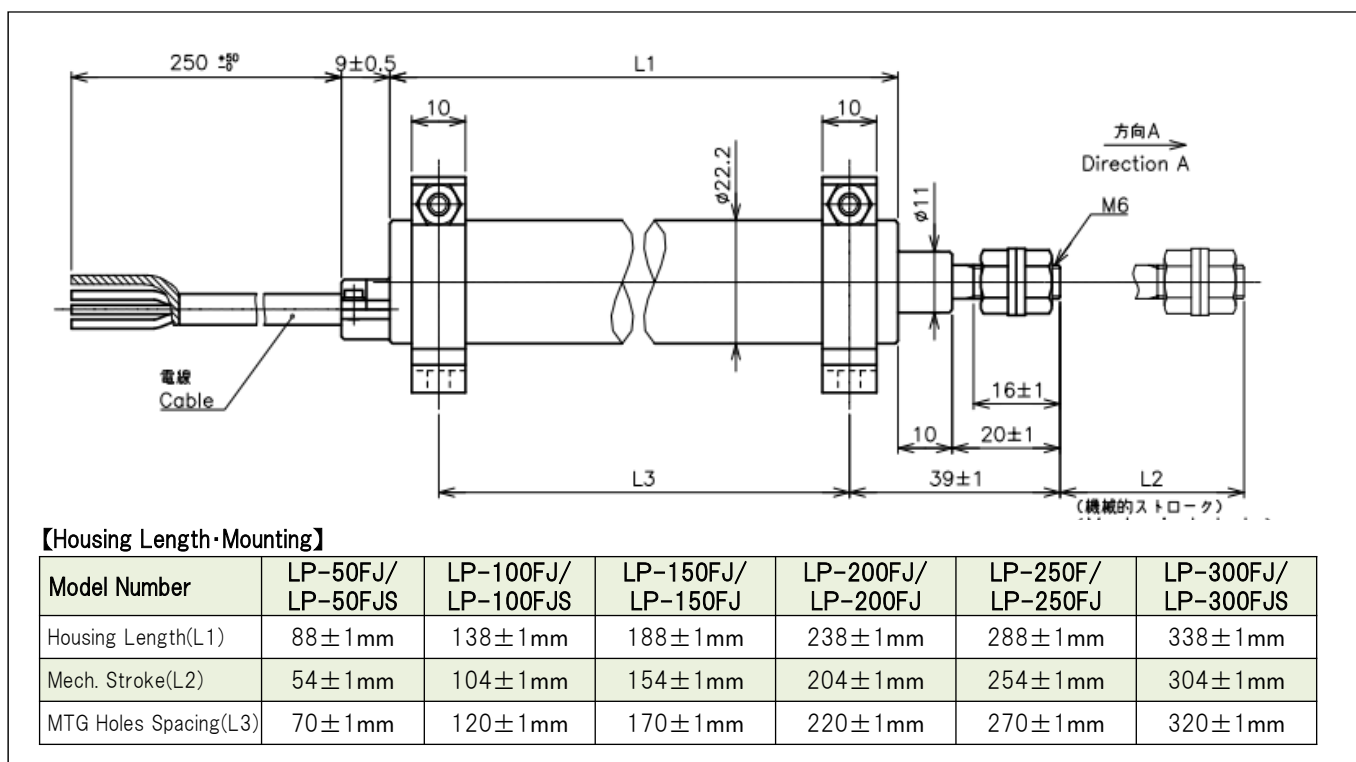


■ Schematic



• Red, White, Black indicate lead colors.

■ Dimension



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