

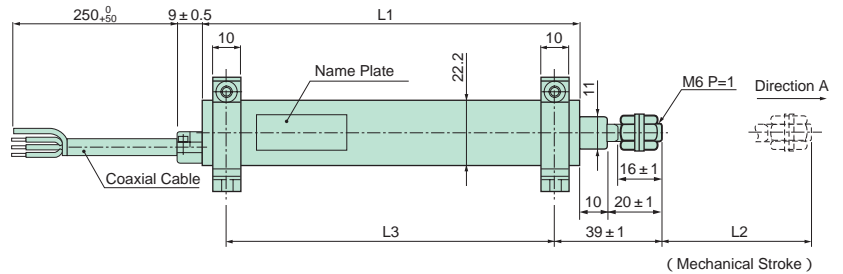
RoHS Compliance

# LP-FJ series

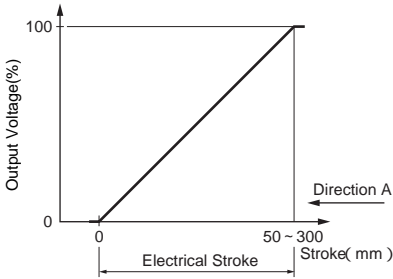
## FEATURES

- Coaxial cable (0.5mm<sub>±</sub>)
- Shaft 6.

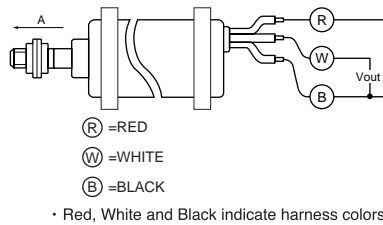
## DIMENSION (mm)



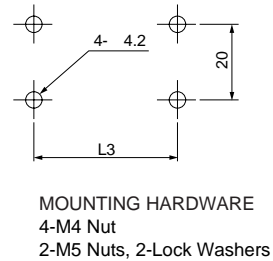
## OUTPUT CHARACTERISTICS



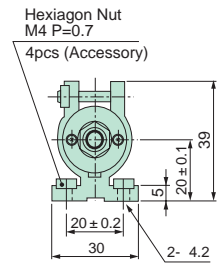
## SCHEMATIC



## MOUNTING



## MTG Holes Spacing



Housing Length · Mounting Water proof type : LP-xxFJS

Model No.	LP-50FJ	LP-100FJ	LP-150FJ	LP-200FJ	LP-250FJ	LP-300FJ
Housing Length(L1)	88mm ± 1mm	138mm ± 1mm	188mm ± 1mm	238mm ± 1mm	288mm ± 1mm	338mm ± 1mm
Mech. Stroke(L2)	54mm ± 1mm	104mm ± 1mm	154mm ± 1mm	204mm ± 1mm	254mm ± 1mm	304mm ± 1mm
MTG Holes Spacing(L3)	70mm ± 1mm	120mm ± 1mm	170mm ± 1mm	220mm ± 1mm	270mm ± 1mm	320mm ± 1mm

## Electrical Specifications

Model No.	LP-50FJ	LP-100FJ	LP-150FJ	LP-200FJ	LP-250FJ	LP-300FJ
Electrical Stroke	50mm ± 0.5mm	100mm ± 0.5mm	150mm ± 0.5mm	200mm ± 1mm	250mm ± 1mm	300mm ± 1mm
Total Resistance	1k, 5k	1k, 5k	1k, 5k	1k, 5k	5k	10k
Total Resistance Tolerance	± 20%					
Independent Linearity	± 0.5%	± 0.3%( Special Linearity ± 0.1% )				
Power Rating	DC36V MAX. / 50					
Output Smoothness	0.1% / MAX.					
Insulation Resistance	100M MIN. DC500V					
Dielectric Strength	AC500V 1 Minute					
TC of Resistance	± 400ppm /					

## Mechanical Specifications

Friction	1N MAX.					
Weight	Approx. 120g	Approx. 160g	Approx. 200g	Approx. 240g	Approx. 280g	Approx. 320g

## OPTIONS

- LP-FJ for 50 ~ 300mm are designed in same construction for lower cost, therefore available with the total resistances only as shown in specifications
- Water proof type: LP-xxFJS

## Enviromental Specifications

Life Cycle	5M Cycles
Vibration	100m / s <sup>2</sup> 20 ~ 500Hz 3 axis 2hours each
Shock	500m / s <sup>2</sup>
IP Level	IP40
Perating Temperature	25 ~ 80
Storage Temp.	25 ~ 80