

<RoHS Compliance>

LP-FP series

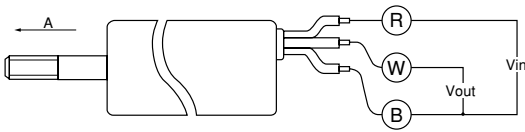
LP-30FQJ

FEATURES

- Compact & Light weight
- ϕ 12mm housing: LP-FP series
- ϕ 8mm housing: LP-30FQJ

SCHEMATIC

Ⓡ =RED
 Ⓜ =WHITE
 Ⓟ =BLACK



Red, White and Black indicate harness colors

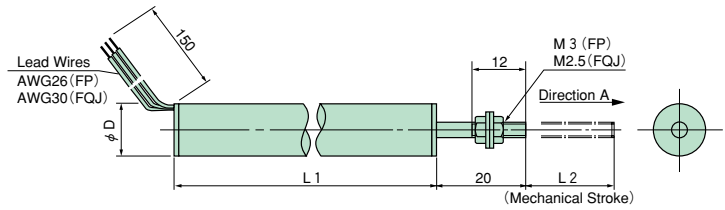
Electrical Specifications

Model No.	LP-20FP	LP-30FP	LP-50FP	LP-30FQJ
Electrical Stroke	20mm \pm 0.5mm	30mm \pm 0.5mm	50mm \pm 0.5mm	30mm \pm 0.5mm
Total Resistance	1k Ω			1k Ω
Total Resistance Tolerance	\pm 20%			
Independent Linearity	\pm 1%			
Power Rating	0.6W/70 $^{\circ}$ C	0.9W/70 $^{\circ}$ C	1.5W/70 $^{\circ}$ C	0.9W/70 $^{\circ}$ C
Output Smoothness	0.1%MAX.			
Insulation Resistance	100M Ω MIN. DC 500V			
Dielectric Strength	AC500V 1 Minute			
TC of Resistance	\pm 1000ppm / $^{\circ}$ C			\pm 400ppm / $^{\circ}$ C

Mechanical Specifications

Friction	0.4N MAX.			0.3N MAX.
Weight	Approx. 18g	Approx. 20g	Approx. 25g	Approx. 15g

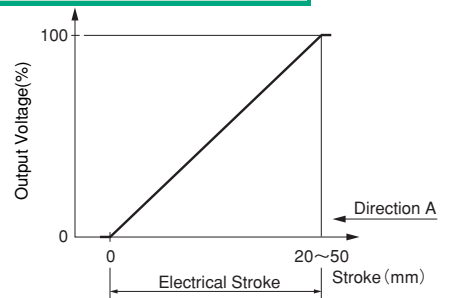
DIMENSION (mm)



Housing Length

Model No.	LP-20FP	LP-30FP	LP-50FP	LP-30FQJ
Housing	48mm	58mm	78mm	63mm
Length(L1)	ϕ 12mm			ϕ 8mm
Mech. Stroke(L2)	22 \pm 1mm	32 \pm 1mm	52 \pm 1mm	35 \pm 1mm

OUTPUT CHARACTERISTICS



MOUNTING HARDWARE

2-M3 Nuts, 2-Washers