

RoHS Compliance

LP-50F

LP-50FB

FEATURES

- 2 types Input shaft Interface.
- Low friction, superb smoothness and long life operation.

Electrical Specifications

Electrical Stroke	50mm ± 0.5mm
Total Resistance	1、 2、 5k
Total Resistance Tolerance	± 20%
Independent Linearity	± 0.5%
Power Rating	1.5W/70
Output Smoothness	0.1%MAX.
Insulation Resistance	100M MIN. DC500V
Dielectric Strength	AC500V 1 Minute
TC of Resistance	± 400ppm /

Mechanical Specifications

Mechanical Stroke	55mm ± 1mm
Friction	LP-50F : 0.5N MAX. LP-50FB : 1.7NMAX.(Spring Strength)
Weight	Approx. 75g

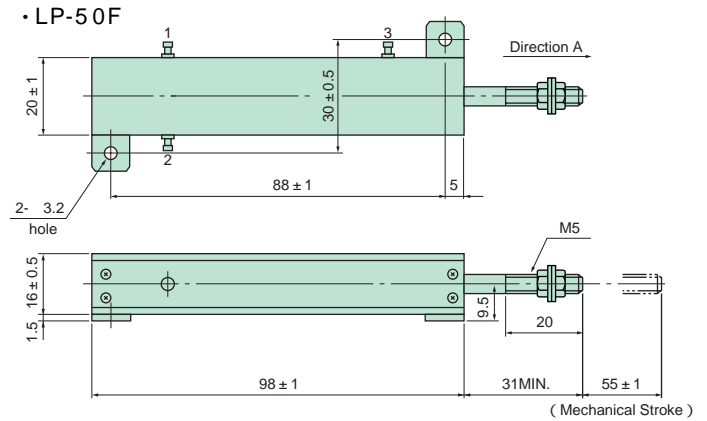
Environmental Specifications

Operating Temperature	40 ~ 100
Vibrations	100m / s ² 500Hz 3 axis 2hours each
Shock	500m / s ² 11ms 6 axis 3times
Life Cycle	5M Cycles MIN.

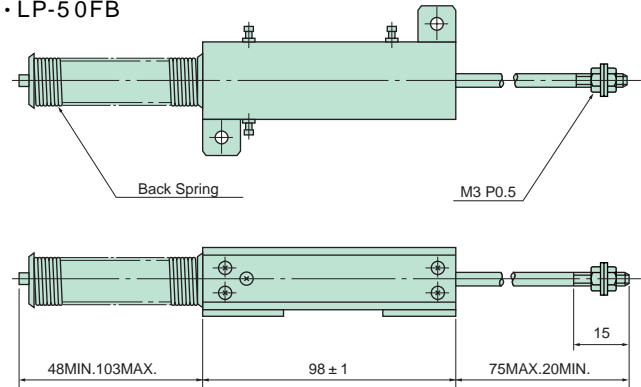
OPTIONS

- Independent Linearity : ± 0.2%

DIMENSION (mm)

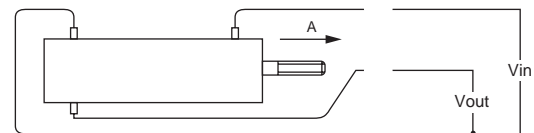


• LP-50FB



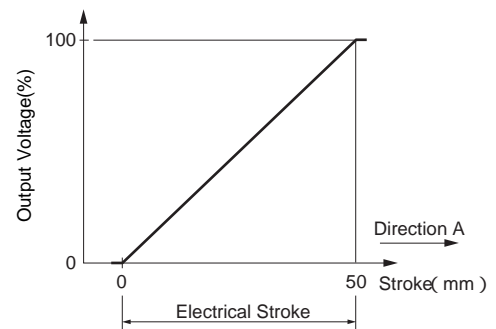
Other dimensions are same as LP-50F

SCHEMATIC



1,2,3 indicate terminal No.

OUTPUT CHARACTERISTICS



MOUNTING HARDWARE

 2- M5 Nuts, 2-Lock Washers
 (LP-50FB: 2-M3 Nuts, 2-Lock Washers)