



Conductive Plastic Linear Sensor

<RoHS Compliance>

LP-20F LP-20FB

FEATURES

- 20mm stroke
- Low friction & long life
- 2 types Input shaft Interface.

Electrical Specifications

Electrical Stroke	20mm±0.5mm
Total Resistance	1、2kΩ
Total Resistance Tolerance	±20%
Independent Linearity	±1%
Power Rating	0.6W/70°C
Output Smoothness	0.1%MAX.
Insulation Resistance	100MΩ MIN. DC 500V
Dielectric Strength	AC500V 1 Minute
TC of Resistance	±400ppm / °C

Mechanical Specifications

Mechanical Stroke	22mm±1mm
Friction	LP-20F : 0.3N MAX. LP-20FB : 3N MAX. (Spring Strength)
Weight	Approx. 60g

Environmental Specifications

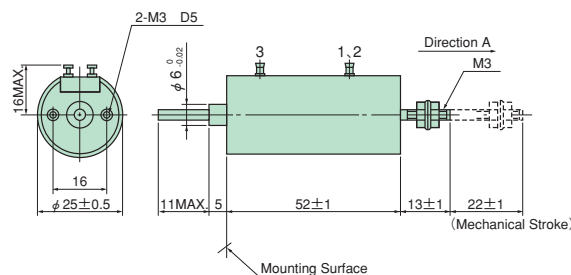
Operating Temperature	-40~100°C
Vibration	100m / s ² 500Hz 3 axis 2hours each
Shock	500m / s ² 11ms 6 axis 3times
Life Cycle	5M Cycles MIN.

OPTIONS

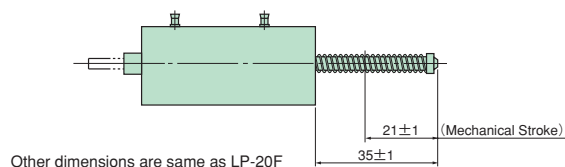
- Independent Linearity : ±0.5%

DIMENSION (mm)

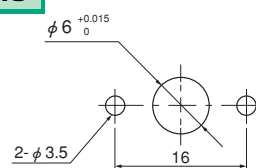
• LP-20F



• LP-20FB (With Back Spring)

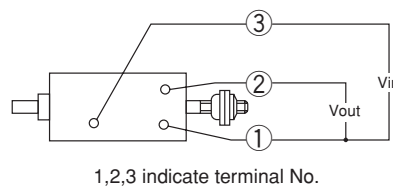


MOUNTING

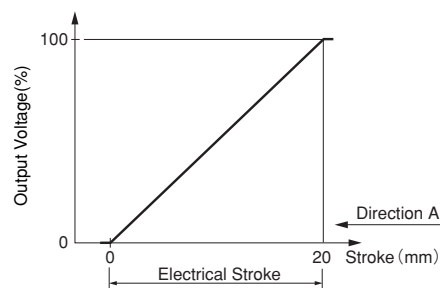


■ MOUNTING HARDWARE
2-M3 Nuts, 2-Lock Washers

SCHEMATIC



OUTPUT CHARACTERISTICS



We are here for you. Addresses and Contacts.

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