

Conductive Plastic Linear Sensor

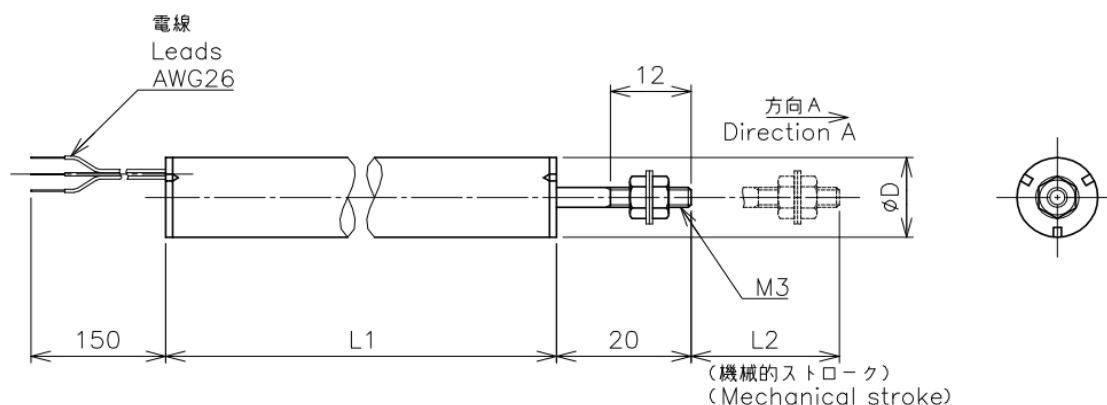
LP-FP Series - LP-xxFP

- Conductive Plastic Linear Sensor
- Effective Electrical Travel:
 - 20mm±0.5mm
 - 30mm±0.5mm
- Independent Linearity : ±1%

【Material】

- Housing : Aluminum
- Shaft : Stainless Steel
- Bearing : Copper alloy

■Dimension [mm]

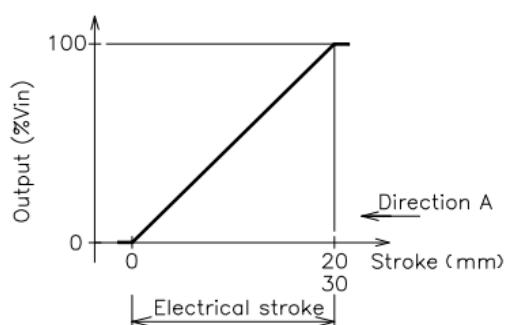


【Model No.】	LP-20FP	LP-30FP
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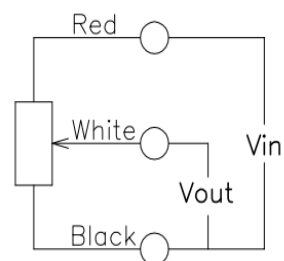
【Housing Length・Mounting】

Housing Length	L1	48	58	mm
	ΦD	φ12		mm
Mech. Travel	L2	22±1	32±1	mm

■Output Characteristics



■Schematic



- Red,White,Black indicate lead colors.

【Model No.】	LP—20FP	LP—30FP
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【Electrical Data】

Effective Electrical Travel	20±0.5	30±0.5	mm
Total Resistance	1		kΩ
Total Resistance Tolerance	±20		%
Independent Linearity	±1		%
Power Rating	0.6/70℃	0.9/70℃	W
Output Smoothness	MAX. 0.1		%
Insulation Resistance	MIN. 100 / DC 500V		MΩ
Dielectric Strength	AC500 / 1 Minute		V
TC of Resistance	±1000		ppm/K

【Mechanical Data】

Friction	MAX. 0.4		N
Mass	18 Approx.	20 Approx.	g

■Accessories

M3 Nut, Plain washer 2 pieces each

■Handling Instruction

To avoid burnout of resistive element, do not supply 1mA Min. current to terminal 2.

We are here for you. Addresses and Contacts.

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