

Linear Precision Potentiometer

LP-10HA



Input DC5V±0.5V
 Elect. Travel 10mm
 Abso. Lin. ±1.6%
 Output 10~90%Vin
 • Contactless
 Size W46xD33xH23mm
 (1.81x1.29x0.90in)

LP-10F



Conductive Plastic Linear Sensor
 Res. 1KΩ
 Elect. Travel 10mm
 Ind. Lin. ±1%
 Output 0~100%Vin
 Size □24x37mm
 (□0.94x1.45in)

LP-10FB



Conductive Plastic Linear Sensor
 Res. 1KΩ
 Elect. Travel 10mm
 Ind. Lin. ±1%
 Output 0~100%Vin
 • w/ Return spring
 Size □24x37mm
 (□0.94x1.45in)

LP-20F



Conductive Plastic Linear Sensor
 Res. 1K, 2K Ω
 Elect. Travel 20mm
 Ind. Lin. ±1%
 Output 0~100%Vin
 Size ∅25x52mm
 (∅0.95x2.04in)

LP-20FB



Conductive Plastic Linear Sensor
 Res. 1K, 2K Ω
 Elect. Travel 20mm
 Ind. Lin. ±1%
 Output 0~100%Vin
 • w/ Return spring
 Size ∅25x52mm
 (∅0.95x2.04in)

LP-10FBS-3



Conductive Plastic Linear Sensor
 Res. 1K Ω
 Elect. Travel 10mm
 Ind. Lin. ±1%
 Output 0~100%Vin
 • w/ Return spring, IP54
 Size ∅28x111.5mm
 (∅1.10x4.39in)

LP-20FBS-3



Conductive Plastic Linear Sensor
 Res. 1K, 2K Ω
 Elect. Travel 20mm
 Ind. Lin. ±1%
 Output 0~100%Vin
 Size ∅28x4.783mm
 (∅1.10x4.79in)

LP-FP Series



Conductive Plastic Linear Sensor
 Res. 1K Ω
 Elect. Travel 20, 30, 50 mm
 Ind. Lin. ±1%
 Output 0~100%Vin
 Size ∅12x48, 58, 78mm
 (∅0.47x1.88, 2.28, 3.07in)

LP-30FQJ



Conductive Plastic Linear Sensor
 Res. 1K Ω
 Elect. Travel 30mm
 Ind. Lin. ±1%
 Output 0~100%Vin
 Size ∅8x63mm
 (∅0.31x2.48in)

LP-50F



Conductive Plastic Linear Sensor
 Res. 1K, 2K, 5K, 10K Ω
 Elect. Travel 50mm
 Ind. Lin. ±0.5%
 Output 0~100%Vin
 Size □20x18x98mm
 (□0.78x0.70x3.85in)

LP-50FB



Conductive Plastic Linear Sensor
 Res. 1K, 2K, 5K, 10K Ω
 Elect. Travel 50mm
 Ind. Lin. ±0.5%
 Output 0~100%Vin
 • w/ Return spring
 Size □20x18x98mm
 (□0.78x0.70x3.85in)

LP-FJ Series



Conductive Plastic Linear Sensor
 Res. 1K, 5K, 10K Ω
 Elect. Travel 50~300mm
 Ind. Lin. ±0.3%
 Output 0~100%Vin
 Size ∅22.2x83~338mm
 (∅0.87x3.46~1.330in)

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Linear Precision Potentiometer

LP-FJS Series



Conductive Plastic Linear Sensor

Res. 1K,5K,10K Ω
 Elect. Travel 50~300mm
 Ind. Lin. $\pm 0.3\%$
 Output 0~100%Vin

Size $\Phi 22.2 \times 88 \sim 338$ mm
 ($\Phi 0.87 \times 3.46 \sim 13.30$ in)

CPP-45-150LS



Conductive Plastic Linear Sensor

Res. 1K,2K,5k,10K,20K Ω
 Elect. Travel 1500mm
 Ind. Lin. $\pm 0.3\%$
 Backlash $\pm 0.5\%$

• Cable pot
 Size $\square 60 \times 104$ mm
 ($\square 2.36 \times 4.09$ in)

CPP-45-50LS



Conductive Plastic Linear Sensor

Res. 1K,2K,5k,10K,20K Ω
 Elect. Travel 500mm
 Ind. Lin. $\pm 0.3\%$
 Backlash $\pm 0.25\%$

• Cable pot
 Size $\square 60 \times 104$ mm
 ($\square 2.36 \times 4.09$ in)

Midori's precision potentiometers have been classified into four categories for differentiating the core sensing element installed in each category. Each category can be recognized by the color of the product label.

W-w

W-w POT: Wire-wound potentiometer



Green POT: Conductive plastic precision potentiometer



Blue POT: Magneto-Resistive Element and Tunnel Magneto-Resistive Element type contactless precision potentiometer



Orange POT: Hall Effect IC type contactless precision potentiometer

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