

JLP L2S
Fingertip Proportional Control Lever
Features

- . Single Axis / Bi-Directional, panel mounting style
- . 3 & 4-Pins potentiometer configuration
- . Bi-Directional Switches

Mechanical Specifications

- . Lever deflection angle: $\pm 32^\circ \pm 1^\circ$
- . Electrical angle: $\pm 30^\circ \pm 1^\circ$
- . Operating temperature range: $-25^\circ\text{C} / + 85^\circ\text{C}$
- . Protection class: IP 65 (above panel)
- . Life: 3 million cycles
- . Fixing screws included: 2 - M4x16

Electrical Specifications
Potentiometer

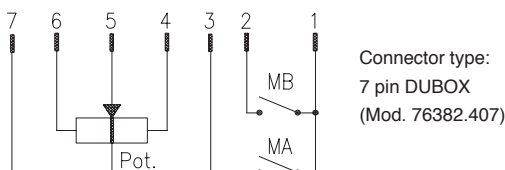
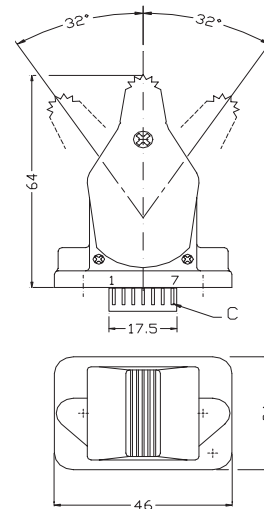
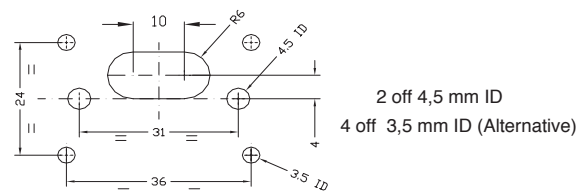
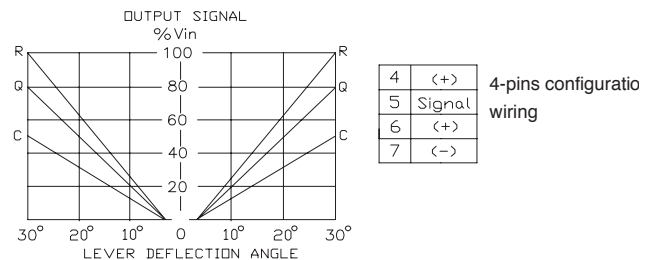
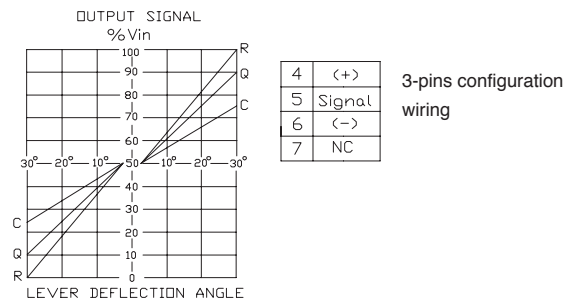
- . Electrical power rating: 0.25 W @ 25°C
- . Ohmic resistance: / C=50% of V_{in} 2 kOhm $\pm 20\%$
/ Q=90% of V_{in} 5 kOhm $\pm 20\%$
/ R=100% of V_{in} 4 kOhm $\pm 20\%$
- . Max. operating input voltage (V_{in}): 48 V or $\pm 24\text{V}$
- . Min. load impedance on pin 5 (Signal) 50 kOhm
- . Max. operating current on pin 5 1 mA
- . Output voltage See graph
- . Linearity (resistive track) 2% or better

Directional Switches

- . Typical track resistance: 150 Ohm
- . Max. operating input voltage 48 V or $\pm 24\text{V}$
- . Min. load impedance on pins 2&3 : 50 kOhm
- . Max. operating current on pins 2&3 1 mA
- . Directional switches threshold angle: $\pm 4^\circ$
- . Connector type :

Potentiometer & Switches Options

		Reference codes		
Output signal		S=80% V_{in}	S=100% V_{in}	S=50% V_{in}
3-4 pins Potentiometer & Bi-Dir. Switches		Q	R	C

Electrical Connections

Overall Dimensions

Panel Cut-Out

Output Signal Control Characteristic


WARNING: The specifications/application data shown in our catalogs and data sheets are intended only as a general guide for the product described (herein). Any specific application should not be undertaken without independent study, evaluation, and testing for suitability.

JLP L2S twin channel

Fingertip Proportional Control Lever

Features

- . Single Axis / Bi-Directional, panel mounting style
- . Twin Channel potentiometer joystick
- . **Redundancy on the 100% of the stroke**

Mechanical Specifications

- . Lever deflection angle: +/- 32° +/- 1°
- . Electrical angle: +/- 30° +/- 1°
- . Operating temperature range: -25°C / + 85°C
- . Protection class: IP 65 (above panel)
- . Life: 3 million cycles
- . Fixing screws included: 2 - M4x16

Electrical Specifications

Potentiometer

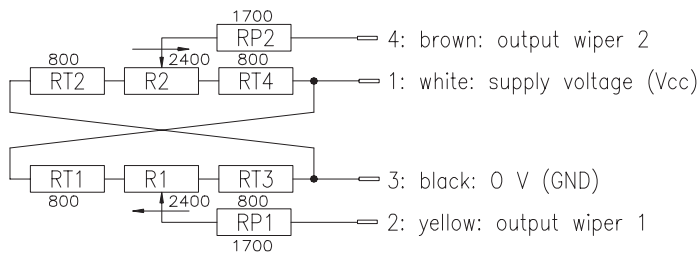
- . Electrical power rating: 0.25 W @ 25°C
- . Total resistance between pin 1 and 3: 2 kOhm +/- 20%
- . Nominal voltage supply (Vin): 10 V
- . Tolerance between Track 1 and 2 : +/- 4% of Vcc
- . Load resistance : 100 kOhm - nominal
50 kOhm - minimum
- . Output voltage : See graph
- . Linearity (resistive track) 2% or better

Potentiometer & Switches Options

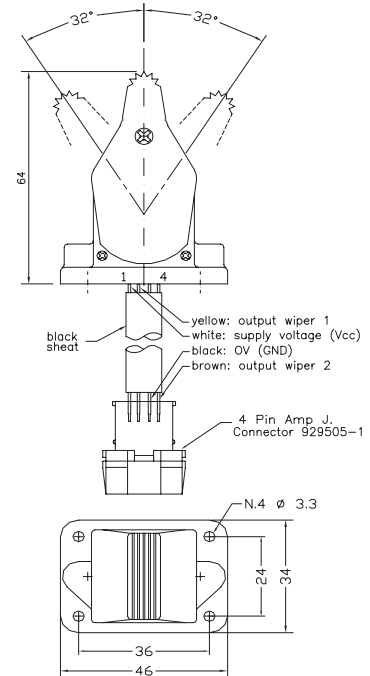
Output signal
3 pins Potentiometer

Reference codes	
S=60% Vin	
V	

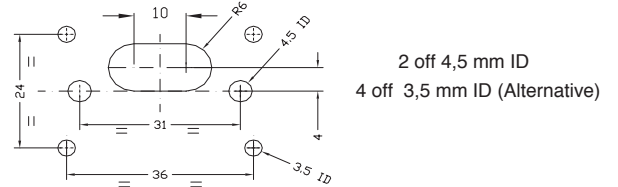
Electrical Connections (pinout)



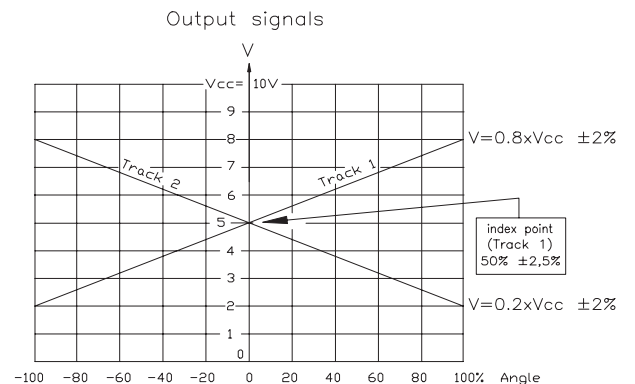
Overall Dimensions



Panel Cut-Out



Output Signal Control Characteristic



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