

**FTC-L2S FINGERTIP PROPORTIONAL CONTROL LEVER**

**FEATURES**

- Single axis / bidirectional.
- 4-pins rotary potentiometer.
- Optional center / power-off or bidirectional switches.

**MECHANICAL SPECIFICATIONS**

Lever deflection angle:	$\pm 25^\circ \pm 1^\circ$
Electrical angle:	$\pm 25^\circ \pm 1^\circ$
Operating temperature range:	-25°C / +80°C
Protection class:	IP 65 (above panel)
Life:	3 million cycles

**ELECTRICAL SPECIFICATIONS**

**4-pins rotary potentiometer**

Electrical power rating:	0.25 W @ 25°C
Ohmic resistance: / G = 40% of Vin	1 kΩ ± 20%
/ L = 100% of Vin	5 kΩ ± 20%
Max. operating input voltage (Vin):	48 V or ±24 V
Min. load impedance on pin 2 (signal):	50 kΩ
Max. operating current on pin 2:	1 mA
Output voltage:	see graph
Linearity (resistive track):	2% or better
Connection type:	0 = solder type (no connector) 1 = AMP Modu I/ 4 poles con. (mating connector kit included)

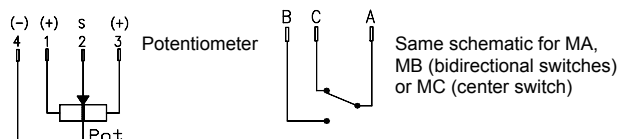
**Center / bidirectional switches (electromechanical type)**

Contacts:	silver plated (solder type)
Max. operating input voltage:	48 V or ±24 V
Max. operating current:	1.5 A/inductive
Neutral pos. switch threshold angle:	+4°
Protection class:	IP 55 (IP 67 available on request)

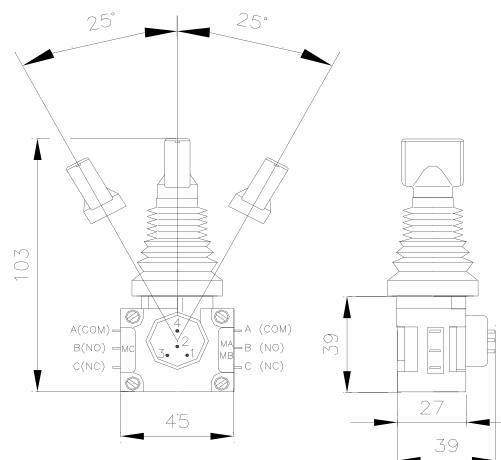
**POTENTIOMETER & SWITCHES OPTIONS**

	Reference codes	
Output signal	S= 40% Vin	S= 100% Vin
4-pin potentiometer	G	L
4-pin pot & center switch	H	M
4-pin pot & bidirectional switches	I	N (Std)
4-pin pot & bidirectional switches & center switch	None	X

**ELECTRICAL CONNECTIONS**

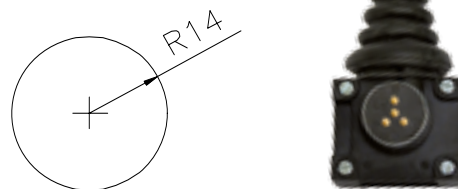


**OVERALL DIMENSIONS**

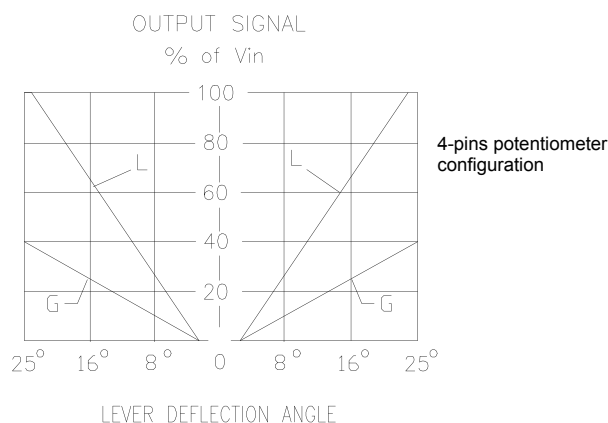


Shown with paddle type grip. Small cylindrical grip KC type also available, with optional dead man push button.

**PANEL CUT-OUT**



**OUTPUT SIGNAL CONTROL CHARACTERISTIC**



**FTC ORDERING INFORMATION: see page JK4**

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**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.



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