

FTC-L1S FINGERTIP PROPORTIONAL CONTROL LEVER

FEATURES

- Single axis / unidirectional.
- 3-pins rotary potentiometer.
- Optional enable switch.

MECHANICAL SPECIFICATIONS

Lever deflection angle:	50° ±1°
Electrical angle:	50° ±1°
Operating temperature range:	-25°C / +80°C
Protection class:	IP 65 (above panel)
Life:	3 million cycles

ELECTRICAL SPECIFICATIONS

3-pins rotary potentiometer

Electrical power rating:	0.25 W @ 25°C
Ohmic resistance: / A = 50% of Vin	1 kΩ ±20%
/ D = 90% 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)

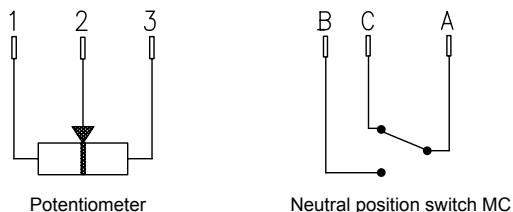
Neutral position switch (electromechanical type)

Contact:	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)

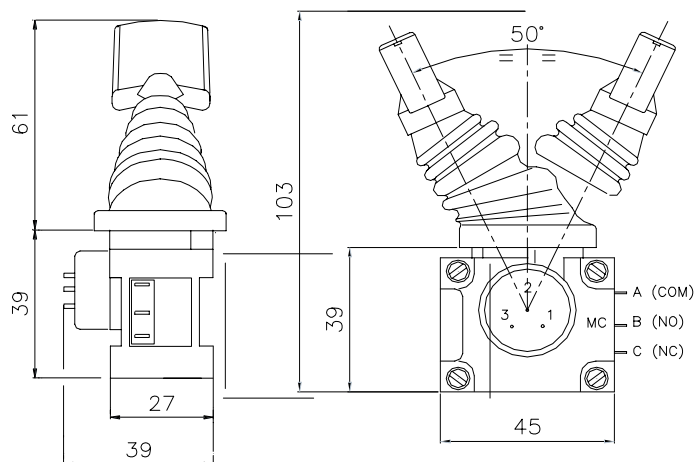
POTENTIOMETER & SWITCHES OPTIONS

	Reference codes	
Output signal	S= 50% Vin	S= 90% Vin
3-pins pot	A (Std)	D
3-pins pot & enable switch	B	E

ELECTRICAL CONNECTIONS

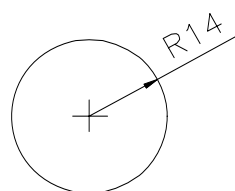


OVERALL DIMENSIONS

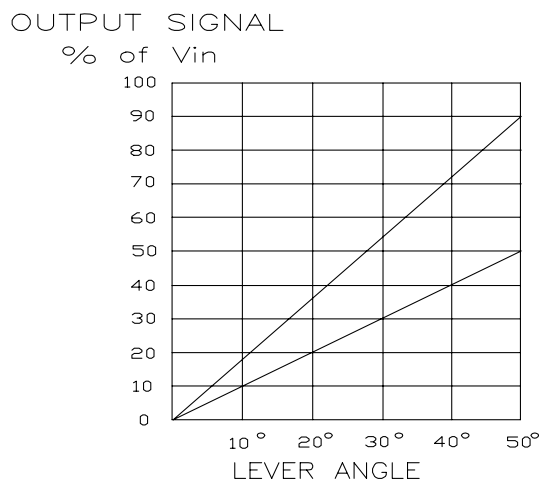


Shown with paddle type grip. Small cylindrical grip KC type also available, with optional dead man push button.

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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