

**FTH-L2S CONTACTLESS FINGERTIP PROPORTIONAL CONTROL LEVER**

**FEATURES**

- Single axis / bidirectional.
- Contactless, hall effect sensor.
- Optional "out of neutral" switch.
- Optional dual sensor (redundant).

**MECHANICAL / ENVIRONMENTAL SPECIFICATIONS**

Lever deflection angle:	$\pm 25^\circ \pm 1^\circ$
Electrical angle:	$\pm 25^\circ \pm 1^\circ$
Operating temperature range:	-25°C / +85°C
Protection class:	IP 67
Life:	> 3 million cycles (without switch)
Connector:	molex CGRID/SL, 7 male pins

**ELECTRICAL SPECIFICATIONS**

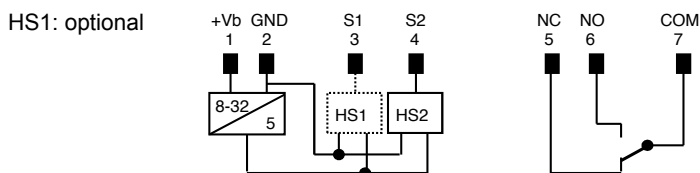
**Linear, hall-effect sensor**

Power supply voltage:	8÷32 VDC
Current consumption:	< 15 mA (30 mA with 2 sensors)
Output signal in neutral:	2.50 V $\pm$ 0.1 V
Output signal range:	0.5 V $\div$ 4.5 V
Tolerance on output signal:	$\pm$ 0.1 V
Linearity:	< 2%
Max. output current:	1 mA
Directional switch operating voltage:	< 48 VDC
Directional switch max. current:	1 A

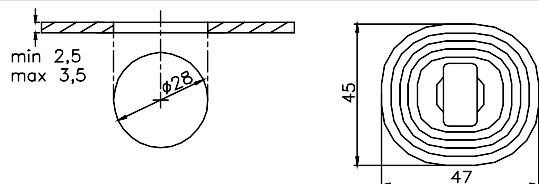
**Neutral position switch (electromechanical type)**

Contacts:	silver plated (solder type)
Max. operating input voltage:	48 V or $\pm$ 24 V
Max. operating current:	1 A
Neutral pos. switch threshold angle:	7°
Protection class:	IP 67

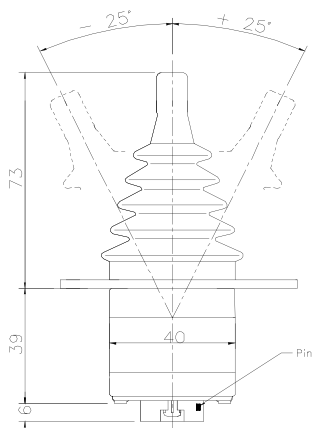
**ELECTRICAL CONNECTIONS**



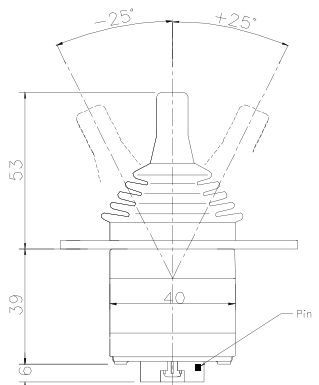
**PANEL CUT-OUT AND MOUNTING**



**OVERALL DIMENSIONS**



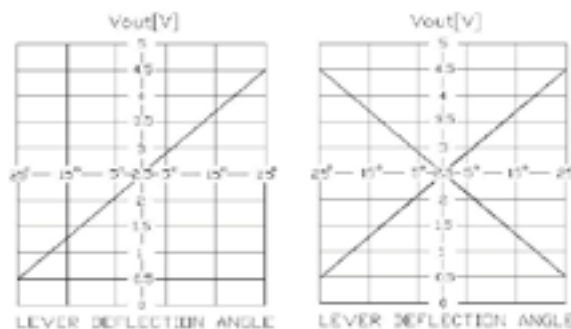
Paddle type high



Paddle type low



**OUTPUT SIGNAL CONTROL CHARACTERISTIC**



FTH-L2S/SN (single channel)

FTH-L2S/TW (dual channel)

FTH ORDERING INFORMATION: see page JK5

**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.

W/11 / 2020



4484 Boeing Drive Rockford, IL 61109 • USA • Phone +1 (815) 397-6628 • Fax +1 (815) 397-2526  
 mail: delta@delta-power.com • www.delta-power.com



Via Malavolti, 36 • 41122 Modena • ITALY • Phone +39 (059) 254895 • Fax +39 (059) 253512  
 mail: tecnord@tecnord.com • www.tecnord.com