

L01 Azimuth, thrust or propulsion control



Lilaas new generation of control levers for azimuth, single /double thruster/ propulsion control

L01 is multifunction control lever for azimuth, thruster or propulsion controls. The L01 range incorporates advanced software solutions and a built in TFT LCD digital display to show the position of the lever and feedback information from the ship systems.

Redundant capacitive touch switches. Max 4 switches on azimuth and single thrust/propulsion and max 8 switches on double thrust/propulsion levers.

L01 is compact, rugged and combining multifunction control simply and safely.

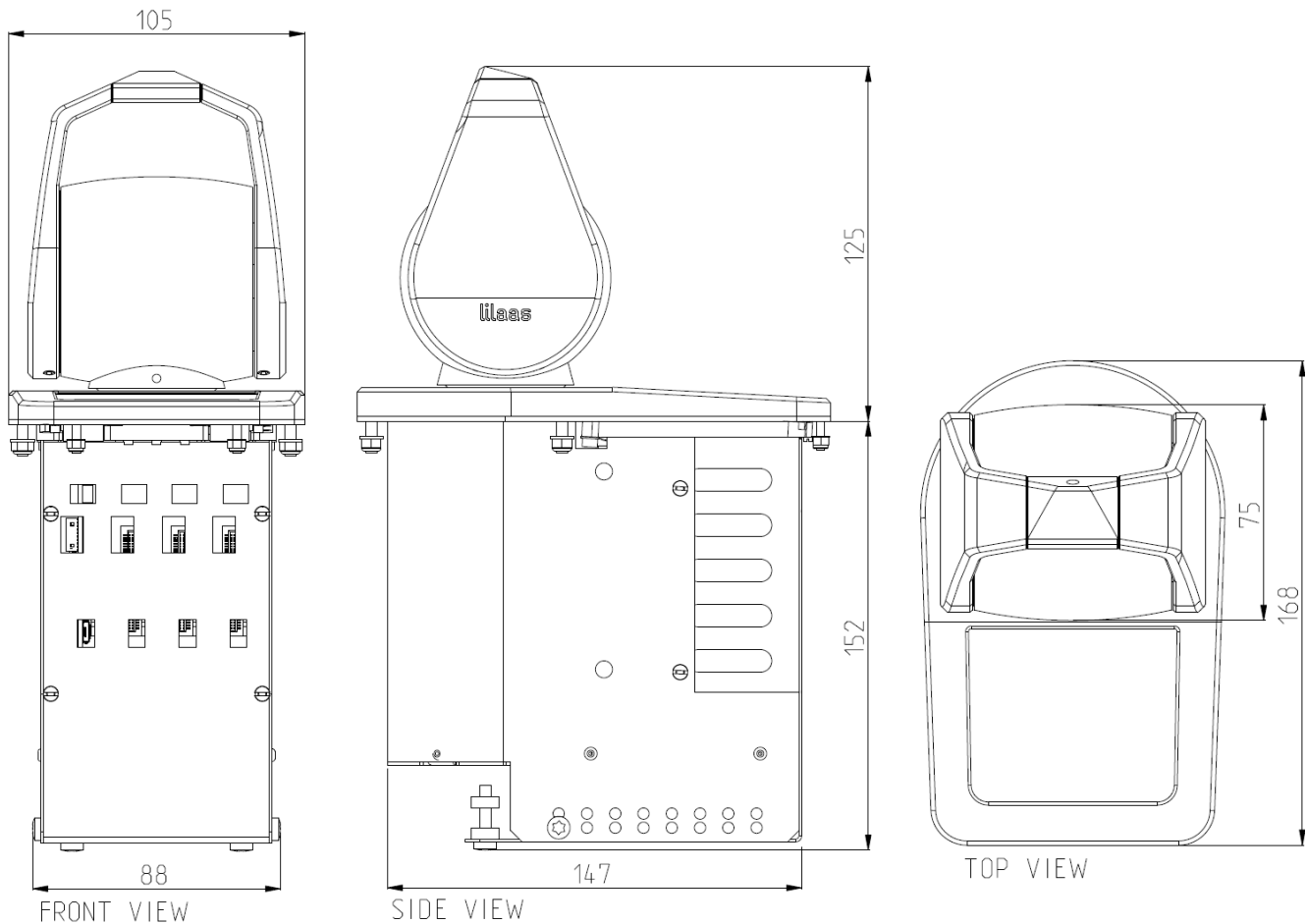
Motorized version and Lilaas el-shaft system available as options.

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L01 for azimuth, thrust or propulsion control



Technical description

Power supply	24V DC
Panel plate and housing:	Coated aluminium
Handle:	Aluminium and moulded Arnitel
Handle movement azimuth:	+/- 60° and 360°
Handle movement thrust/propulsion:	+/- 60°
Scale:	2,4" TFT LCD display
Enclosure:	IP22 (without display: IP66)
Standard sensor:	0-5V magnetic sensor.

Isolated analog sensor output and backup output.

L01 has two type of analog sensor output:

1. Isolated analog based on filtered PWM. Reference voltage 3-12VDC. Output 10-90% of reference voltage. Linearity +/-1%
2. Isolated output directly from sensor. 5VDC supply +/- 10%
Output 5-95% of supplied voltage. Linearity +/- 0,5%

Touch switches azimuth and single thrust/propulsion:

Max 3 touch switches available for custom functionality.

One touch switch for menu operation.

Engraved switch text as electrical failure precaution.

Touch switches double thrust/propulsion:

Max 6 touch switches available for custom functionality.

Two touch switch for menu operation.

Type approval L01: EN/IEC 60945, ABS, BV, DNV, GL, KR, LR, NK, RINA, PRS, RS, CRS

Options

L01 without display
 4-20 mA current loop feedback
 Relay outputs
 Display graphics
 Digital isolated input
 Potentiometers
 Force feedback
 Colours
 USB interface
 2x Can
 Ethernet
 Profibus

Other options on request