JOYSTICK C17

Move-Stop-Stay

Large ships and asphalt pavers both need consistent pacing. Hence, it was logical for us to reuse and refine a marine lever solution when we were asked to create a new one-axis friction-hold joystick.

Leveraging our extensive experience from developing premium marine thruster controls with friction, we have created the C17 joystick, focusing on long-lasting performance and reliability. Our innovative approach combines superior materials and advanced friction technology to deliver a joystick that maintains its friction over time, ensuring consistent and precise control.

Superior performance

- **Patent-Pending Friction Technology:** Our unique friction solution provides superior control, longevity, and smoothness.
- **Adjustable Center Detent:** Making it easy to find the neutral position.
- **Robust Design:** Housed in a cast metal casing and silicone-potted electronics, ensuring maximum durability and protection against harsh environmental conditions.
- **Premium Feel and Control:** The joystick offers a high-end, smooth feel, enhancing the user experience and control precision.

Why choose the C17 Joystick?

- **Versatile Compatibility:** The C17 joystick is compatible with Caldaro Viper slim, Lion and Gecko grips.
- **Unmatched Longevity:** Designed to withstand many years of use, the C17 ensures long-term reliability.
- **Superior Build Quality:** Manufactured in Sweden with top-tier materials, ensuring the highest quality and robustness.

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CALDARO

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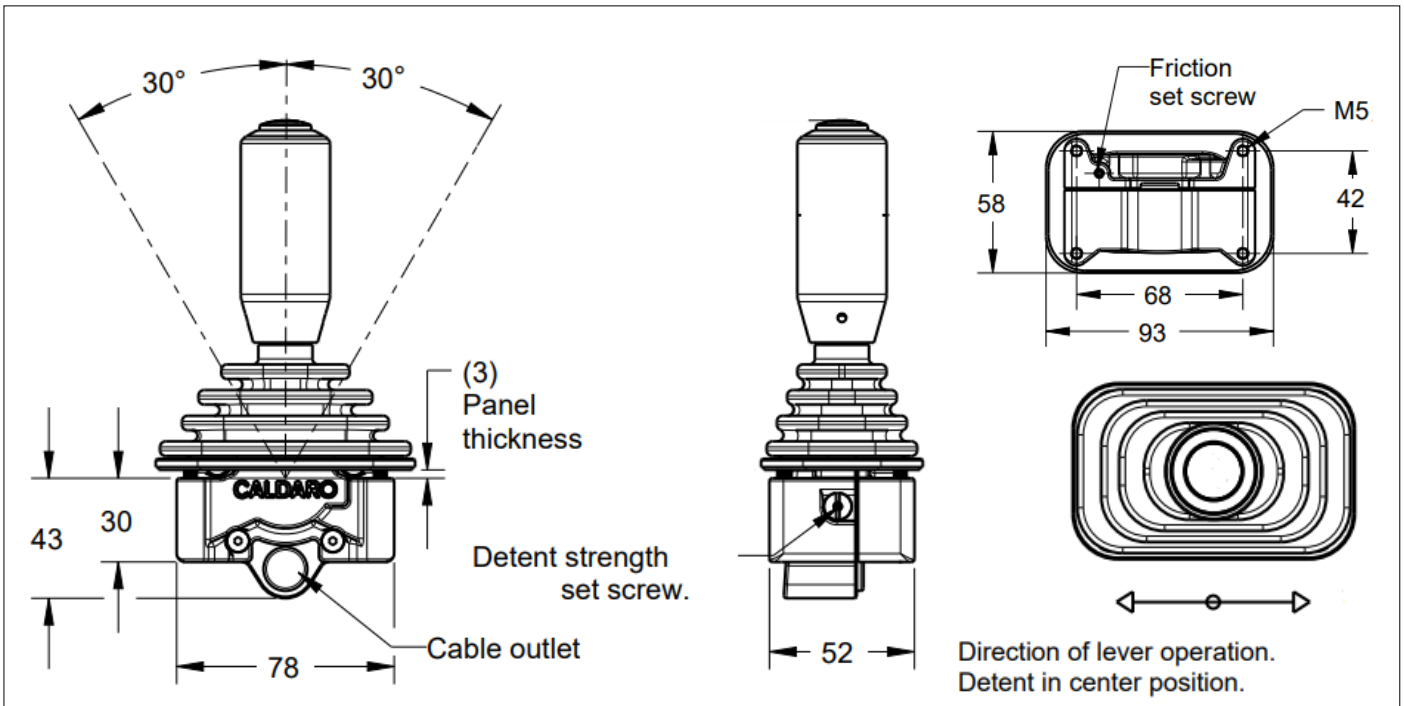
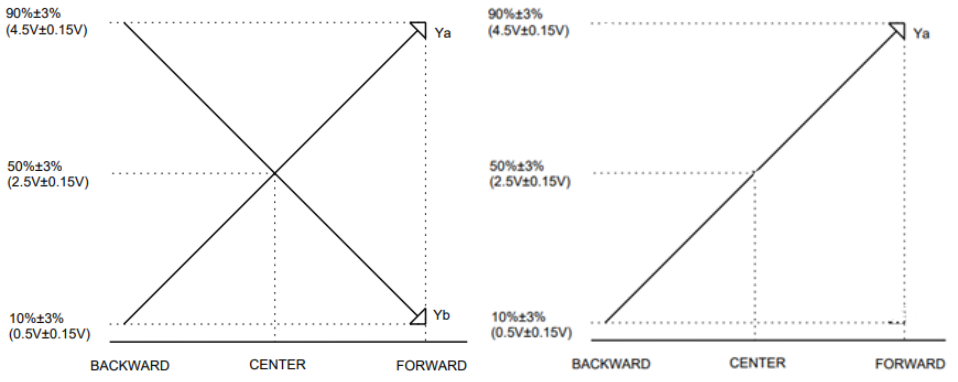


SPECIFICATIONS

MECHANICAL AND ELECTRICAL SPECIFICATIONS

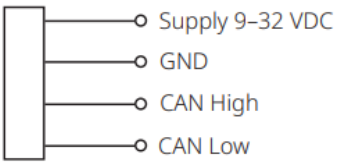
Mechanical angle	Y axis: ±30°	Effective output	10%–90% Vin, other ratios on request
Lever strength	Max 500N static load	Resolution	Essentially infinite
Mechanical Life expectancy	2,000,000 full operations		
Sensor type	Hall-effect	**ENVIRONMENTAL SPECIFICATIONS**	
Current consumption	17mA–22mA	Operating temperature range	–40°C to +85°C
Applied voltage	5VDC ±10%	Storage temperature range	–40°C to +85°C
Load resistance	4,7kΩ–100kΩ pull down	EMC	100V/m
		ESD	±8kV (contact discharge)
Grip options	Viper Slim, Lion, Gecko		±15kV (air discharge)

OUTPUT OPTIONS



CAN INTERFACE

CANOpen or J1939 protocol



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