

# Joystick MC160

## Tiller Controller



Our series of marine joysticks and controllers are being utilized by world record holding sailboats, luxury yachts and large freighters.

The MC160 tiller controller is equipped with contactless hall effect sensors and includes a customizable design handle with a customizable rotary angle.

Furthermore it offers customizable detents as well as dimmable illumination of the deflection angle.

### Technical Description

Dimensions	Ø Housing	60 mm / 2.36"
	Height housing	39 mm / 1.54"
	Installation depth	0 mm / 0"
Mounting	Directly onto the panel with M4 screws No installation depth, only cable feedthrough	
Housing	Anodized aluminum with integrated LED	
Lever	Anodized aluminium Plastic or wooden knob Standard or customized design	
Operation	Rotary: customizable up to 360° perceptible catches on request	
Technology	Hall effect sensors	
Operating voltage	8 – 24 V	
Output signals	Voltage: 0.5 – 4.5 V Current: 4 – 20 mA	
Electrical connection	Dubox connector	
Life cycles	Up to 3 Mio. cycles	
Temperature range	-20°...+80°C / -4°...+176F	
Protection class	IP64 / NEMA 4	
	Moving parts sealed with O-ring	
	Installation face sealed with surface sealing	



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