Marex MCS, control head TYPE 244, G3

R417004015

2025-12-04

Marex MCS, control head TYPE 244

The control head enables precise specification of speed and direction of travel for ship propulsion systems. The integrated keypad allows easy switching between operating modes. The device can only be used in conjunction with the Marex system.

- Control lever engaged
- Keypad, backlit
- Visual and acoustic alarms
- Status display of active operating mode
- Automatic and manual dimming

Technical data

Part No.	R417004015
Industry	Marine
Application	Control head for transmission control and speed adjustment with fixed propellers for double motors
Operating element	Short chrome-plated levers
Detent points	The control lever engages in the following positions: 1st neutral: idle speed, transmission disengaged. 2nd detent forward: idle speed, transmission engaged in forward position. 3rd detent backward: idle speed, transmission engaged in backward position.
Buttons	Command transfer (COM) Synchronisation (SYN) Func. 1 Func. 2
power supply	38 V DC via CAN data line
Ambient temperature min./max.	248 ... 343K / -25 °C ... 70 °C
Protection class according to EN 60529	IP66
Vibration resistance	2 ... 13 Hz ±1mm

Max. shock resistance	10 g / 11 ms
Weight	1.5 kg

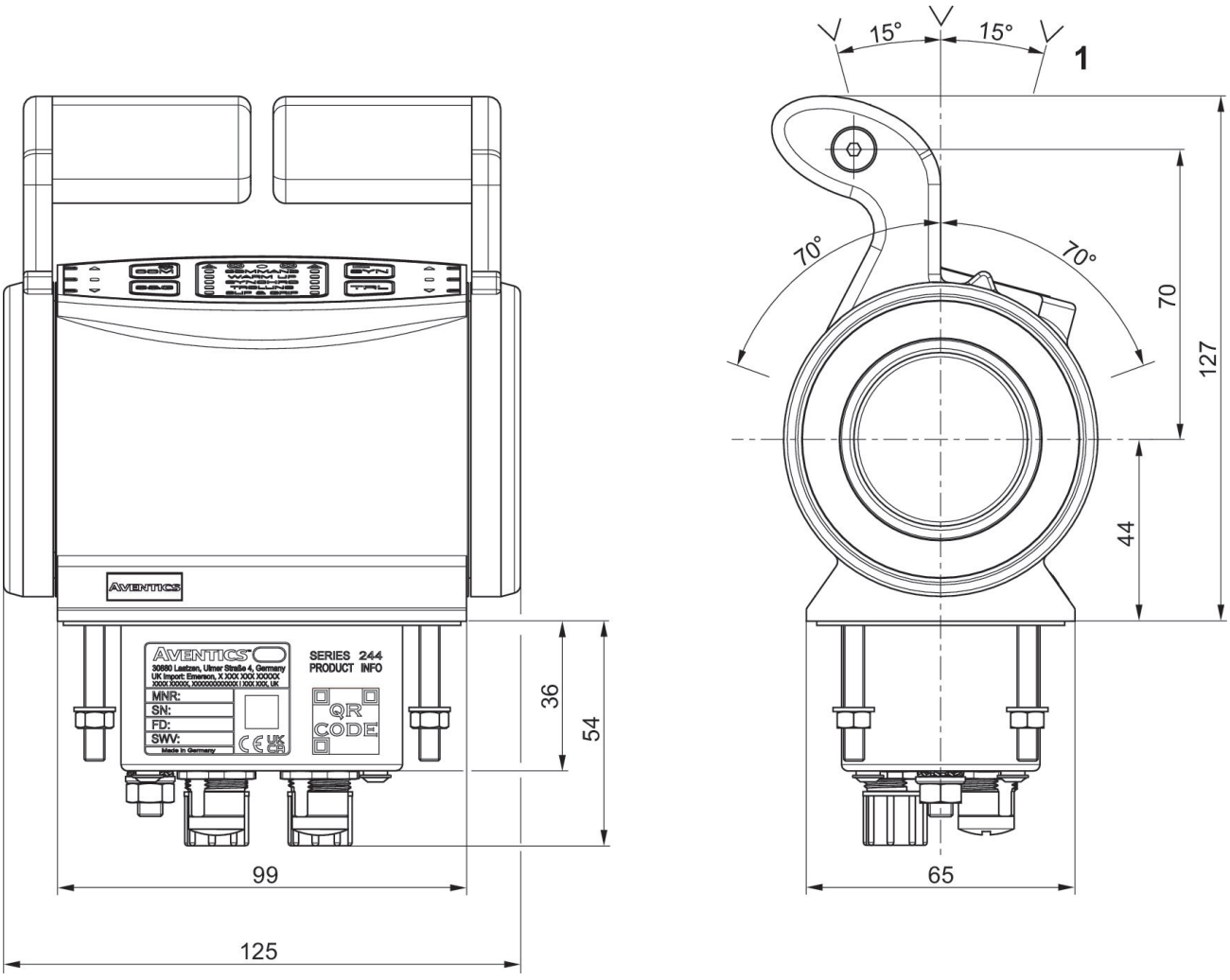
Materials, surface:

Housing	Polyamide, fiber-glass reinforced
Hand lever	Aluminum, high-gloss chrome-plated

Certificates and directives:

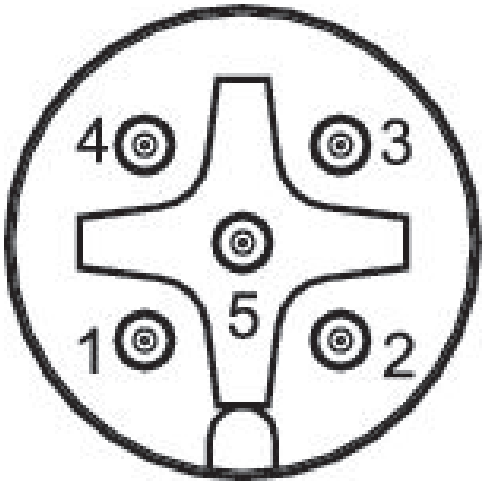
Directives	RoHS CE declaration of conformity
Certificate	Classification certificates on request

Dimensions



1) Lever detented

Plug, M12



Pin assignments

Pin	Port
1	Operating voltage 0 V
2	Operating voltage +38 V
3	0 V
4	CAN-H
5	CAN-L

Socket M12

Pin assignments

Pin	Port
1	Operating voltage 0 V
2	Operating voltage +38 V
3	0 V
4	CAN-H
5	CAN-L