

# Marex MCS, control head TYPE 244, G3

R417004012

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.

R417004012

Industry

Marine

Application

Control head for transmission control and speed adjustment with fixed propellers for single engines

Operating element

Long black plastic 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

# Marex MCS, control head TYPE 244, G3

R417004012

2025-12-04

Max. shock resistance

10 g / 11 ms

Weight

1.1 kg

## Materials, surface:

Housing

Polyamide, fiber-glass reinforced

Hand lever

Polyamide, fiber-glass reinforced

## Certificates and directives:

Directives

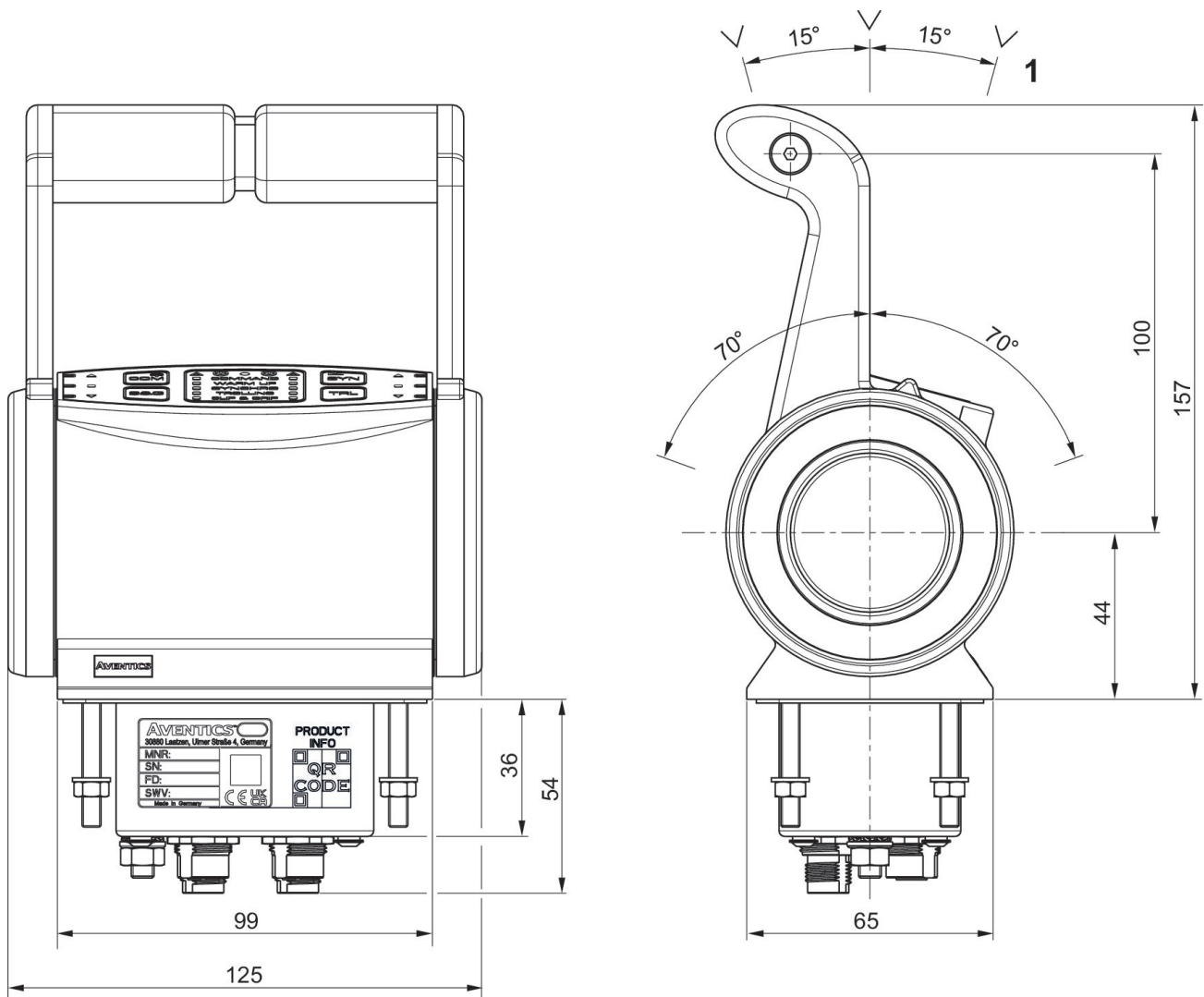
RoHS

CE declaration of conformity

Certificate

Classification certificates on request

## Dimensions



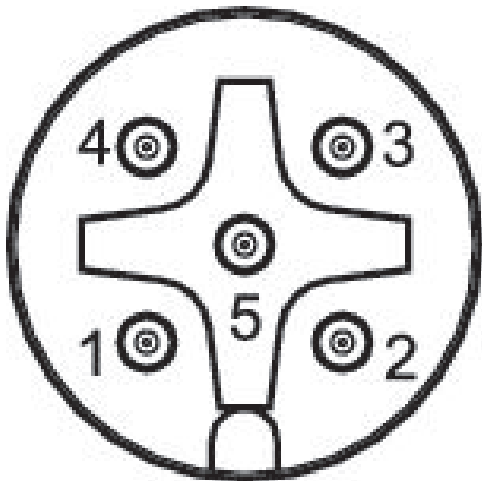
1) Lever detented

# Marex MCS, control head TYPE 244, G3

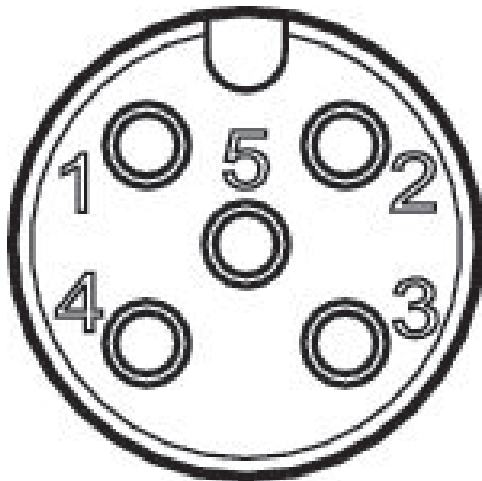
R417004012

2025-12-04

Plug, M12



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                   |

Pin assignments

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