

3. General

Accuracy

This is a special version of the BRW-2 with additional circuits to simulate BRW-1 operation. This means it does not meet the standard specified accuracy of Class 0.5.

BRW-2 Replacement meets accuracy Class 1.0.

Future replacement

For future replacement, it is not necessary to replace the entire BRW-2 indicator. You may only need to replace the XL192 indicator part (the top part of the product).

NOTE When replacing the built-in XL 192 indicator, the measuring range is either 0 mA to 1 mA or -1 mA to + 1 mA. See the type label on the XL 192 indicator.

BRW-2 replacement for BRW-1

4189350057D

Bridge wing indicator

Quick guide



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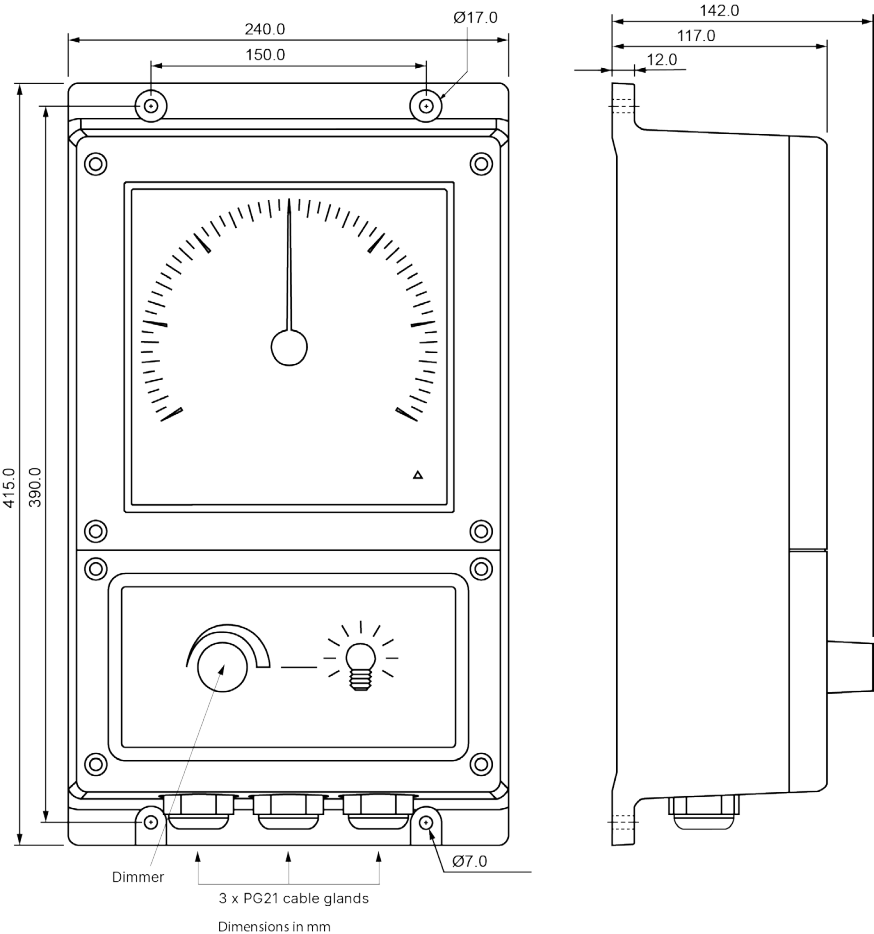


1. Mounting the unit

This is only relevant for the replacement of existing BRW-1 products.

The three PG21 type cable glands on the bottom of the unit are suitable for cable gauge 13 to 18 mm.

The BRW-2 is protected from ESD (static electricity). This means that no special ESD protection measures are required when mounting the unit.



2. Wiring of the unit

NOTICE



Warranty is void if the warranty seal is removed or broken

Powering up

The pointer position is random until the power supply is connected. On power-up, the pointer will move randomly for the first couple of seconds. This is normal operation. Also on power-up, the amber LED in the lower right corner of the scale area will flash once or twice and then turn off.

Wiring

Remove the potentiometer panel using a standard 4 mm Allan key to access the terminals. Exercise caution when removing the panel to avoid damaging the gasket.

BRW-2 uses a 24 V DC supply for power and illumination.

- BRW-1 uses either an AC or DC supply. This means that the polarity on the existing BRW-1 installation may be reversed.
- BRW-2 must be connected with the correct polarity.

Terminal pos.	Supply
5	-
6	+ 24 V DC
B	EARTH. This terminal must be connected to the ship's hull.

The potentiometer marked "MAX. ADJ.", located between the two connectors, can be used to make fine adjustments to the pointer deflection to match the indicator's scaling with the existing installation.

