

# Bridge wing indicator

Type VTR-3

4921250002D



- *Protection: IP66*
- *Robust construction*
- *LED illumination (long life)*
- *Easily-read scale*
- *With built-in dimmer*
- *Approved according to the Marine Equipment Directive*

## Bridge wing indicator type VTR-3

The VTR-3 consists of a 90° moving coil system in a waterproof housing, equipped with an easily-read scale and special front glass counteracting reflections. The instrument is equipped with mounting clamp for base mounting and is CE classified for marine, residential, commercial and light industry plus industrial environment.

### Technical specifications

Standard measuring ranges Voltage			Standard measuring ranges Current		
Lowest range	Highest range	Load	Lowest range	Highest range	Load
0...1V DC	0...300V DC	0.5kΩ/V	0...1mA DC	0...100mA DC	0.6V
-0.5...0...0.5V DC	-300...0...300V DC	1kΩ/V	-1...0...1mA DC	-100...0...100mA DC	0.3V
0...10V AC	0...300V AC	0.45kΩ/V	0...1mA AC	0...100mA AC	1.4V

Further measuring range: 4...20mA .

Accuracy: Class 1.5 (-10...15...30...55°C) to EN 60051 and IEC 51.

Scale types: 1) White scale base: Figures, division lines, pointer: black.

2) Black scale base: Figures, division lines, pointer: yellow.  
(Scale with transilluminated section).

Illumination: LED illumination with built-in dimmer.

White scales are translucent. On black scales figures and division lines are transilluminated and the pointer is clearly visible against a yellow transilluminated section.

Aux. voltage (Illumination): 24V AC/DC ±25%. Consumption: 80mA/24V.

Connection: Built-in screw terminals.

Cable dimensions: multi-stranded: 2.5 mm<sup>2</sup>, single-stranded: 4 mm<sup>2</sup>.

Cable entry via 2 PG 9 glands. Cable diameter: 7.5 mm.

Test voltage: 2kV - 50Hz - 1 min.

Magnetic radiation: None.

Ambient temperature: -10...55°C (nominal) -25...60°C (operating) -25...65°C (storage).

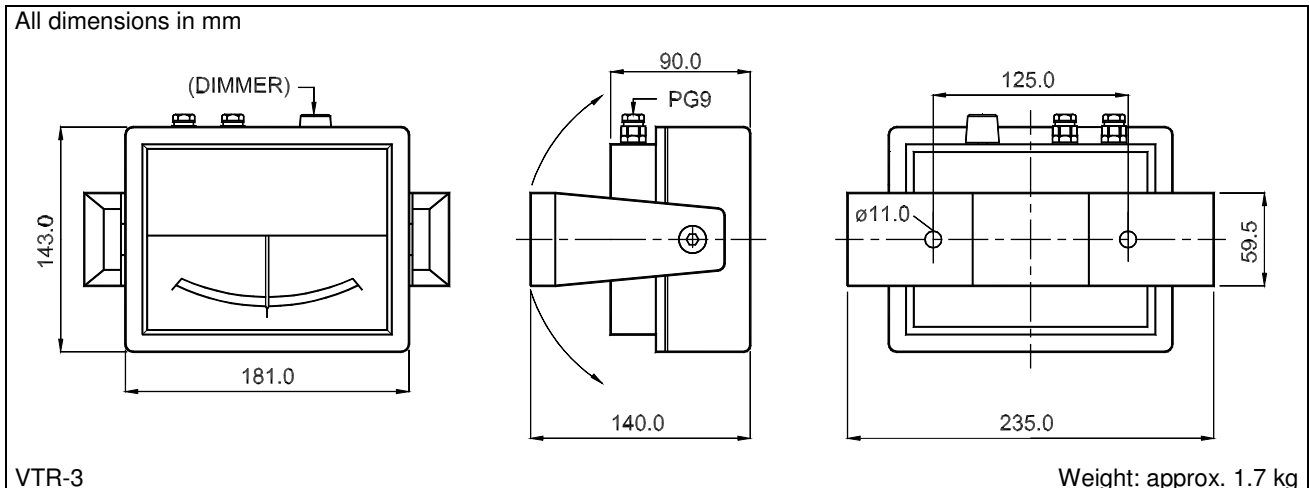
Materials: Surface finish: matt black polyurethane. Plastic housing: polyurethane.

Fire retarding and self-extinguishing to UL94 (V0).

All metal parts made out of corrosion-resistant materials.

Protection: IP66, to IEC 529 and EN 60529.

### Dimensions



Also available with "standing" pointer (connections/dimmer accessible from the bottom of the housing).

### Order specifications

Example:	Type	Scale	Scale type	Measuring range
	VTR-3	45...0...45°	Black	0...20mA

Due to our continuous development we reserve the right to supply equipment which may vary from the described.



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