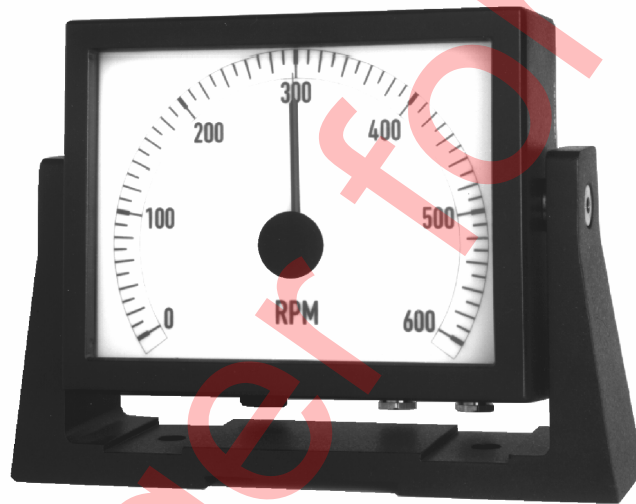


Bridge wing indicator

Type VTR-5

4921250005D



- *Protection: IP66*
- *Robust construction*
- *LED illumination (long life) with built-in dimmer*
- *Seperate pointer illumination*
- *Large, easily-read scale*
- *Approved according to the Marine Equipment Directive*



Bridge wing indicator type VTR-5

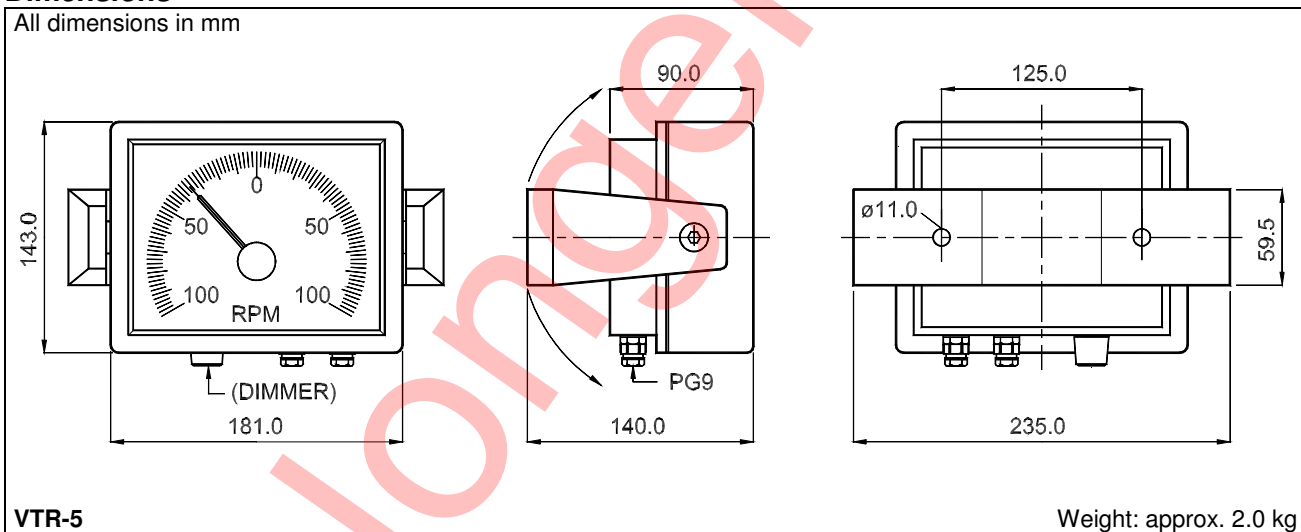
The VTR-5 consists of a 240° moving coil system in a waterproof housing, which is equipped with a large, easily-read scale and special front glass counteracting reflections. The instrument is equipped with a clamp for base mounting. The VTR-5 is CE classified for marine, residential, commercial and light 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, standard pointer: black. Indirect illumination. 2) Black scale base: Figures, division lines, triangular pointer: yellow. Direct pointer illumination.
Illumination:	LED illumination with built-in dimmer.
Aux. voltage (Illumination):	24V AC/DC ±25%. Consumption: 80mA/120mA for direct pointer illum.
Connection:	Built-in screw terminals. Cable dimensions: multi-stranded: 2.5 mm ² , single-stranded: 4 mm ² . 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 EN 60529 and IEC 529.

Dimensions



Order specifications

Example:	Type	Scale	Scale type	Measuring range
	VTR-5	0...250 rpm	Black	0...20mA

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



DEIF A/S, Frisenborgvej 33
DK-7800 Skive, Denmark

Tel.: +45 9614 9614, Fax: +45 9614 9615
E-mail: deif@deif.com, URL: www.deif.com

