PERSEUS 4000-V2

CAPACITIVE LEVEL SENSOR



- The PERSEUS 4000-V2 capacitive level sensor is a level type indicator, that detects the presence of bulk-up liquid in ballast tanks.
- It consists of a capacitive electrode and its integrated pre-amplifier circuit.
- Its marine grade stainless steel probe is fitted on an aluminum alloy enclosure containing all its electronic components.
- Can be manually configured to properly function for the detection of various media.

FEATURES

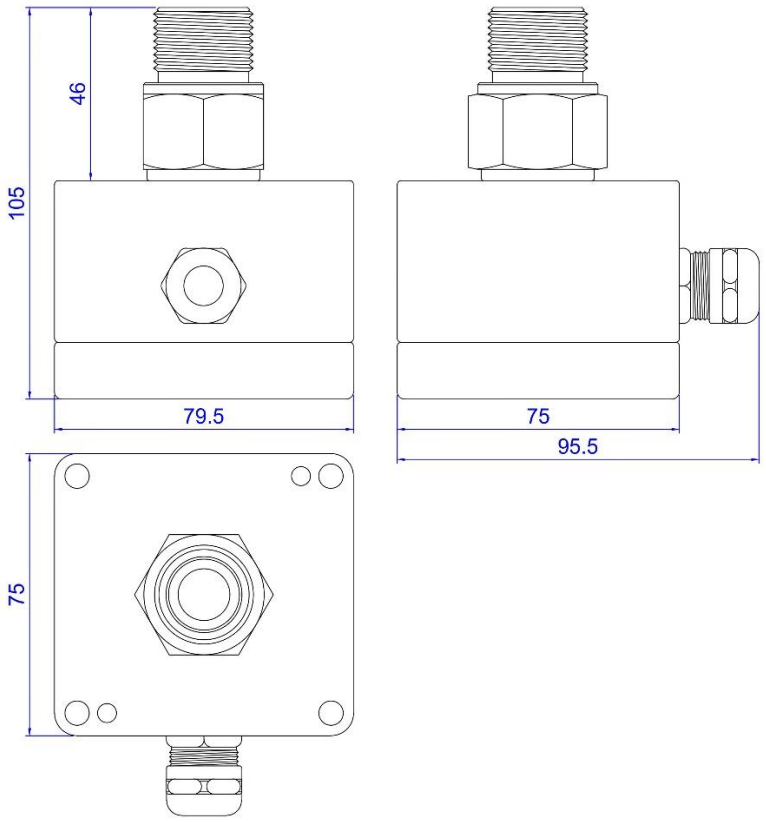
- Marine grade stainless steel probe
- Aluminium alloy enclosure
- 9-13 VDC operating voltage
- LED ON/OFF output
- Adjustable sensitivity
- Compatible cable diameter: 5 – 10 mm
- Electrical connection: Terminal block
- Process connection: BSP G 3/4"

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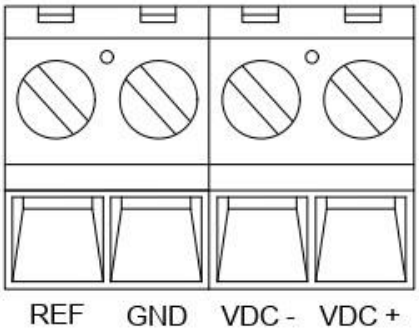
Issue Date: 14/2/2025

TECHNICAL SPECIFICATIONS	
Power supply:	9-13 VDC
Practical highest detection sensitivity:	0,5 pF
Output:	LED ON: 5,5 mA, LED OFF: 2,5 mA
Media temperature:	-50 °C…+100 °C
Amplifier temperature:	-5 °C… 60 °C
Maximum probe pressure:	200 Bar
MATERIALS	
Probe:	AISI 316L Stainless steel
Electrode insulation:	POM (Acetal)
Enclosure:	Aluminium alloy
MISCELLANEOUS	
Protection class:	IP 68 (Probe), IP 66 (Enclosure)
Installation position:	Any

DIMENSIONS



ELECTRICAL CONNECTION



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