

VPS 58


Vapor Pressure Sensor



The VPS 58, Vapor Pressure Sensor, is installed as an integrated part of the Tank Radar Gauge. The intrinsically safe sensor is installed with the purpose of measuring the vapor pressure and provide the relative pressure inside the cargo tank. The signals from the sensor are processed by the tank gauge electronics and transmitted to the Supply and Communication Unit over the same interface as the radar and temperature signals.

A cargo monitoring system with vapor pressure sensors meets the SOLAS secondary means requirement.

Technical Specification

VPS 58	
General Specification	
Type	Gauge
Operating range	-100 to 900 mbar
Instrument accuracy	±3 mbar
Material facing tank atmosphere	Stainless steel 316L and Alloy C-276
Approvals	
Marine type approvals	ABS, BV, CCS, DNV-GL, KR, LR, NK, RINA
Explosion protection	Intrinsically safe associated apparatus: ATEX:  II 1G Ex ia IIC IECEX: Ex ia IIC T4 Ga INMETRO: Ex ia IIC T4 Ga

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