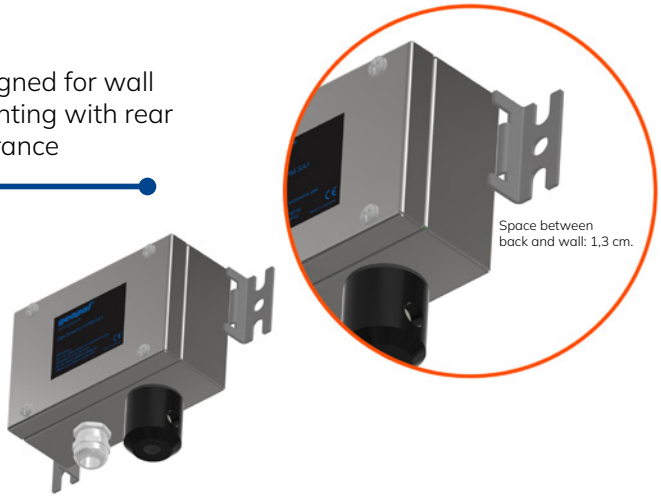
GPM-SA1SS



Designed for wall mounting with rear clearance



Geopal GPM-SA1SS
Stand-alone detector

The Geopal GPM-SA1SS stand-alone detector is designed for the marine market and other harsh environments.

GPM-SA1SS uses an integrated microprocessor for continuously monitoring the gas concentration, whether it is LEL, vol% or ppm, depending on what gas needs to be detected.

The Geopal GPM-SA1SS detector has a linear output signal of 4-20mA or 0-5/10V and the detector is equipped with alarm relays for low alarm, high alarm and system fault.

Features

Easy to calibrate/service
The servicing of Geopal GPM-SA1SS requires no special tools or equipment, only a test gas with the given gas concentration. The actual calibration can be carried out by one person in less than 10 minutes, using a simple push-button system with associated light indicators.

Class Compliant
The GPM-SA1SS detector complies with DNV Clean notification and the use of fixed leak detection systems for environmental protection e.g. Lloyds EP Notation.

Wall mounting
The detector is designed for wall mounting with a defined clearance between the rear of the unit and the wall, allowing dirt and debris to fall away and preventing buildup behind the detector.

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PENDING ITS-I 23ATEXQ36745 DBI reg. no 233.301 DIC444QMS

EA 3517BE

GPM-SA1SS

Supply voltage	10 to 32 V DC
Power consumption	4 W max
Available gases	Methane (CH4), Propane (C3H8), Hydrogen (H2), Hydrogen Sulphide (H2S), Hexane (C6H14), Carbon Dioxide (CO2), Carbon Monoxide (CO), Ammonia (NH3), Chlorine (Cl), Oxygen (O2), R404A, R407C, R417A, R245fa, R134a, etc.
Available sensors	Semiconductor, Catalytic, Electrochemical, IR, MPS, PID
Response time T90	Depending on sensor
Repeatability	Depending on sensor
Long term stability	Depending on sensor
Electrical output	4–20mA / (2mA fault), 1–5V / (0,5V fault), 2–10V / (1V fault), 0-5V, 0-10V
Relay outputs	2 relay outputs for alarm 1 and alarm 2 1 relay output for fault Signal contact 30V/1A
Material housing	Stainless steel AISI 316
IP rating	IP 66 DIN 60529
Weight	1,0 kg
Mechanical dimensions	(HWD) 155 x 150 x 65 mm
Max operating conditions	Temperature -40 °C to +55 °C Humidity 0 %RH to 95 %RH Pressure 1013 mbar ±10%
Storage	Temperature -25 °C to +55 °C Humidity 0 %RH to 95 %RH
Approvals (Directives and Standards)	Low Voltage Directive 2014/35/EC EMC Directive 2014/30/EU EN 61 000-6-2 (2019) EN 61 000-6-4 (2019) EN 50 270 (2015)
Quality	ISO 9001:2015

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