FIXED SYSTEMS

SMART S-MS MED

MED-approved SIL2 Gas Detector

This ultra-durable, MED approved SIL-2 gas detector offers standard 4-20 mA and RS output as part of its marine-specific design.

The SMART S-MS MED from Sensitron is a SIL2 certified gas detector built for marine environments. Certified by Lloyd's Register, it offers both catalytic and infrared sensor options for detecting flammable gases including methane, propane, and butane. Designed to withstand harsh conditions, the SMART S-MS MED ensures reliable, high-performance gas detection for both onshore and offshore applications.

GASES

GAS	SENSOR TYPE
Butane (C_4H_{10})	Catalytic / Infrared
Methane (CH_4)	Catalytic / Infrared
Pentane (C_5H_{12})	Catalytic / Infrared
Propane (C_3H_8)	Catalytic / Infrared

SPECIFICATIONS

SIZE	H145 x W187 x D108mm (5.7 x 7.4 x 4.25ins)
WEIGHT	1.5kg
ENCLOSURE MATERIAL	Aluminum pressure die-casting with epoxy paint chromating and chemically resistant
INGRESS PROTECTION	IP65
CONNECTION	2 or 3 x 3/4" NPT
POWER	12-24 Vdc
DISPLAY	None
ELECTRICAL OUTPUT	Analogue 4-20 mA output; serial RS485 output; 3 relays output (optional)
OPERATING TEMPERATURE	-40 / +60°C
HUMIDITY	20 / 90% RH @40°C
RESPONSE TIME	t90 < 60s; t50 < 20s
PERFORMANCE	Tested in accordance with EN 60079-29-1 standard
FUNCTIONAL SAFETY	SIL2 hardware and SIL3 software
APPROVALS	MED, EMC, ATEX, IECEx

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DETECTING GAS. SAVING LIVES.

Disclaimer

Due to ongoing research and product improvement, specifications are subject to change without notice. While every effort has been made to ensure accuracy in this document, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This document is not intended to form the basis of a contract.

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