

# SMART S-MS MED

## MED-approved SIL2 Gas Detector

Standard 4-20 mA and RS output

3-relay output

Certified by Lloyd's register

SIL2 Hardware and SIL3 Software certified



## Specification

Size	H145 x W187 x D108 mm (5.7 x 7.4 x 4.25ins)
Weight	1.5kg
Enclosure material	Aluminium 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 < 60 s ; t50 < 20 s
Performance	Tested in accordance with EN 60079-29-1 standard
Functional safety	SIL2 hardware and SIL3 software
Approvals	MED, EMC, ATEX, IECEx

## Gases

Gas	Sensor type
Butane (C <sub>4</sub> H <sub>10</sub> )	Catalytic / Infrared
Methane (CH <sub>4</sub> )	Catalytic / Infrared
Pentane (C <sub>5</sub> H <sub>12</sub> )	Catalytic / Infrared
Propane (C <sub>3</sub> H <sub>8</sub> )	Catalytic / Infrared