

# 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



**K. D. Fisher & Co. Pty Ltd** ABN 27 007 879 647

**Head office** 18 Benjamin Street St Marys SA 5042

**T** +61 8 8277 3288 **T** 1300 533 474

**E** [kdf@kdfisher.com.au](mailto:kdf@kdfisher.com.au) **[kdfisher.com.au](http://kdfisher.com.au)**



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