



# SMARTSENSE<sup>®</sup> SINGLE GAS MONITOR ALARM MODULE

- 100 dBa audible alarm
- Wide viewing angle Red-Amber-Green LED visual warning system
- Modular, IP-65 rated design couples quickly to SSSG-100 systems

## FEATURES

The smartsense® Single Gas Monitor SSSG-100 is an all-in-one, customisable gas monitoring unit, reliable in all mining workplace environments.

With its modular architecture, the IS-designed smartsense® Single Gas Monitor Alarm Module can quickly, and easily, be added to a SSSG-100 system stack. Featuring a wide viewing angle Red-Amber-Green LED warning indicator system, and 100 dBa audible alarm.

The Alarm Module improves mine safety by keeping workers aware of any environmental hazards as configured by the SSSG-100 Short Term Exposure Limit (STEL) and Time Weighted Average (TWA) settings.

## TECHNICAL DATA

ELECTRICAL PARAMETERS	
Power Supply (via SSSG Terminal) <sup>1</sup>	10 to 24 Vdc
Current Consumption	<25.5 mA @ 24 Vdc <25.5 mA @ 15 Vdc <25.0 mA @ 12 Vdc <19.0 mA @ 10 Vdc
Operating Temperature	- 20 to + 40 °C
Humidity	90 % Non-condensing
Audible Warning Intensity	100 dBa at 10 cm
Viewing Angle (LED warning system)	Z-axis 180° X-axis 260° Y-axis 360°
IP Rating	IP65

<sup>1</sup>Recommended operating voltage of the Alarm Module is a minimum of 12 Vdc or greater for best visual and audio performance.

Technical data are limit values.

If the product is integrated into systems or operated in combination with other devices, its permissible operating values can deviate from these limit values. Subject to technical modifications without prior notice.

Rev. B