

# REMOTE GAS SENSOR (RGS)

PRODUCT CODE - EL-MN-RGS-01

## DESCRIPTION

The remote gas sensor (RGS) allows remote monitoring of various gases. Commonly, flammable gases are detected for at 10% lower explosive limit (LEL).

Detection in the area surrounding the habitat allows early warning of a potentially explosive atmosphere. The most common gases that are detected for are methane, hydrogen sulphide and oxygen, however the remote gas sensor can be tailored to accommodate alternative gas detection requirements.



## KEY FEATURES

- DETECTS GAS
- EARLY WARNING DUE TO AREA DETECTION
- EASILY ADJUSTED TO SPECIFIC GAS
- EASILY POSITIONED

## COMPATIBLE EQUIPMENT

- GSM – GAS SENSING MODULE
- MSM – MULTI-SENSING MODULE

## TECHNICAL SPECIFICATION

<b>CERTIFICATION</b>	ATEX Cert: Baseefa10ATEX0087X Ex II 2G Ex de ia m IIB T4 Gb (Tamb -20°C to +50°C)
<b>OPERATING TEMPERATURE</b>	-20°C to +50°C
<b>DIMENSIONS (L X W X H) ^</b>	30cm x 30cm x 40cm
<b>WEIGHT ^</b>	10kg
<b>INPUT VOLTAGE</b>	24VDC Powered by GSM Mk4-5 / MSM
<b>POWER CONSUMPTION</b>	Powered by GSM/MSM 3.5W max
<b>POWER CABLE LENGTH^</b>	5-20m
<b>DETECTION RANGE*</b>	0-100% LEL Methane
<b>ALARM LEVELS*</b>	0-100% LEL Methane

\* Other levels and gases available on request

^ Typical values may vary