

IP 55 DUST-PROOF BOX DETECTORS



Nitrogen monoxide detector in dust-proof box. The electrochemical cell assures alarm signal through 4-20mA proportional output. Measure area 0 to 30%. Can be connected to addressable control panel through suitable module. Can be used with relay board on double threshold control panel with pre-alarm 10mA and alarm 20mA.

Nitrogen dioxide detector in dust-proof box. The electrochemical cell assures alarm signal through 4-20mA proportional output. Measure area 0 to 20 ppm. Can be connected to addressable control panel through suitable module.

Oxygen detector in dust-proof box. The electrochemical cell assures alarm signal through 4-20mA proportional output. Measure area 0 to 30%. Can be connected to addressable control panel through suitable module.

Propane detector in dust-proof box. The catalytic sensor assures alarm signal through 4-20mA proportional output. Can be connected to addressable control panel through suitable module.

Sulphur dioxide detector in dust-proof box. The electrochemical cell assures alarm signal through 4-20mA proportional output. Measure area 0 to 20 ppm. Can be connected to addressable control panel through suitable module.

Gasoline vapours detector in dust-proof box. The catalytic sensor assures alarm signal through 4-20mA proportional output. Can be connected to addressable control panel through suitable module.

Can be used with relay board on double threshold control panel with pre-alarm 10mA and alarm 20mA.

PART. NO	DESCRIPTION
VGS.DU-NO	Nitrogen Monoxide Detector in IP 55 Dust-Proof Box
VGS.DU-NO2	Nitrogen Dioxide Detector in IP 55 Dust-Proof Box 20PPM
VGS.DU-O2	Oxygen Detector in IP 55 Dust-Proof BoX
VGS.DU-PR	Propane Detector in Dust-Proof Box
VGS.DU-SO2	Sulphur Dioxide Detector in IP 55 Dust-Proof Box 20PPM
VGS.DU-VB	Gasoline Detector in Dust-Proof Box

CONVENTIONAL MULTI-GAS DETECTION SYSTEM

GAS DETECTION SYSTEM

IP 55 DUST-PROOF BOX DETECTORS

FEATURES

- Self-diagnostic procedure to control the detector main operational parts, both hardware and sensing element
- Zero point tracking to compensate possible drifts due to thermal or physical variations of the sensor
- Digital filter employed in the digital analysis of the analogue values sampled
- Hysteresis cycle applied to the outputs to eliminate continuous switching
- Watch-dog for the microprocessor control

ACCESSORIES

CAL-GAS 3 relay module for VGS Detectors Series
SKBR3N VGS Detectors Series calibration module

TECHNICAL SPECIFICATION

OPERATING VOLTAGE	12-24Vdc
POWER CONSUMPTION	max. 180mA
OPERATING TEMPERATURE	-10 ° C to + 55 ° C
STORAGE TEMPERATURE	-25 / + 60 °C
RELATIVE HUMIDITY	up to 90%
WEIGHT	400g
RELAY OUTPUT (OPTIONAL)	10 mA (pre-alarm) / 20mA (alarm)
PROPORTIONAL OUTPU	4-20 mA (default)
DIMENSION (LXHxD)	106 x 180 x 62 mm

