

### TOXIC AND EXPLOSIVE GAS DETECTORS WITH ENOSE TECHNOLOGY® - (DGAS-O)

#### DUST-AD

**IP65 in aluminum and stainless steel body**

Ideal for the detection of combustible and solvent gases with harmful substance resistance properties. Thanks to the two protocols, ModBus and Bluetooth it is possible to establish direct "wireless" communication between the sensors and the PC, PDA or mobile phone, allowing immediate access to all functional parameters of the sensor such as; Zero, Span, Sensitivity, TWA and STEL Alarm Thresholds, system history download that contains in addition to the logged events data related to maintenance sessions.



#### DUST-DY

**IP65 in aluminum and stainless steel body with robust**

construction screen  
 Built-in or remote transmitter sensor  
 Built-in relays  
 Autonomous operation capability



#### DESCRIPTION

DUST/AD and DUST/DY gas detectors are robust and intelligent in gas detection for a wide variety of toxic and explosive gases.

#### Main Feature

• Managed by microprocessors	• 4-20 mA Output	• Three relay outputs, contacts voltage-free	• Fully programmable
• RS-485 serial interface with ModBus RTU or Bluetooth protocols for remote control, calibration and maintenance operations.			
• 2x8-character LCD display	• Low power consumption	• Calibration procedure Non-intrusive "Only one person"	
• Reduced dimensions	• Compliant with: EN-60079-0, EN 60079-29-1, EN-50270.	• Protection type (ATEX): II 3G Ex nA II T6 IP65	

#### RAS-AD

**With protective box, in versions of aluminum or steel INOX, Flame retardant, Ideal for detecting combustible gases and solvents. Strong resistance to harmful substances.**

Thanks to the two protocols ModBus and Bluetooth it is possible to establish direct "wireless" communication between the sensors and the PC, PDA or mobile phone, allowing immediate access to all functional parameters of the sensor such as: Zero, Span, Sensitivity, TWA and STEL alarm thresholds, download system history containing in addition to the recorded events, the data related to maintenance sessions.



#### RAS-DY

**With protective box, in aluminium or INOX steel versions with Display**

Particularly robust structure with the possibility of installing the Display unit in another location for remote control.  
 Stand alone configuration with three built-in programmable relay outputs and mini magnetic keyboard to adjust alarm limits.



#### DESCRIPTION

The RAS/AD and RAS/DY series 4-20mA transmitters are used for the detection of a wide range of toxic and explosive gases.

#### Main Feature

• Managed by microprocessors	• 4-20 mA Output	• Three relay outputs, contacts voltage-free	• Fully programmable
• RS-485 serial interface with ModBus RTU and Bluetooth protocols for remote control, calibration and maintenance operations.			
• 2x8-character LCD display	• Low power consumption	• Calibration procedure Non-intrusive "Only One person"	
• Reduced dimensions	• Certificate: ATEX II 2G Ex d IIC T6	• RAS Series sensors meet the requirements of the ATEX 94/9/EC directive, including functional performance, as a result, according to SIL2, they are thus suitable for being part of safety systems in areas with special risks.	

### PARK SERIES

#### DESCRIPTION

PARK series gas detectors are ideal for continuous monitoring of toxic and explosive substances in the environment. They are designed for industrial use, car parks and workplaces where air quality needs to be continuously monitored.

#### NEW TWIN-PARK

It is a gas detector with double detection channel, ideal for parking (according to new European standard EN 50545-1). It is designed to simultaneously detect the presence of two toxic gases (CO and NO2) or a toxic gas and one fuel (CO + GPL "petrol vapours").

#### APPLICATIONS

Parking, monitoring toxic gas and fuel emissions, specific detection of carbon monoxide (CO) and nitrogen dioxide (NO2)...



#### Main Feature

• Managed by microprocessors	• High immunity to false alarms	• Automatic ZERO and SPAN settings	• Very low consumption
• Sensor self-diagnosis and digital algorithm to condition the signal			
• Analog output 4-20 mA	• Compact dimensions	• Calibration procedure Non-intrusive "Only One person"	