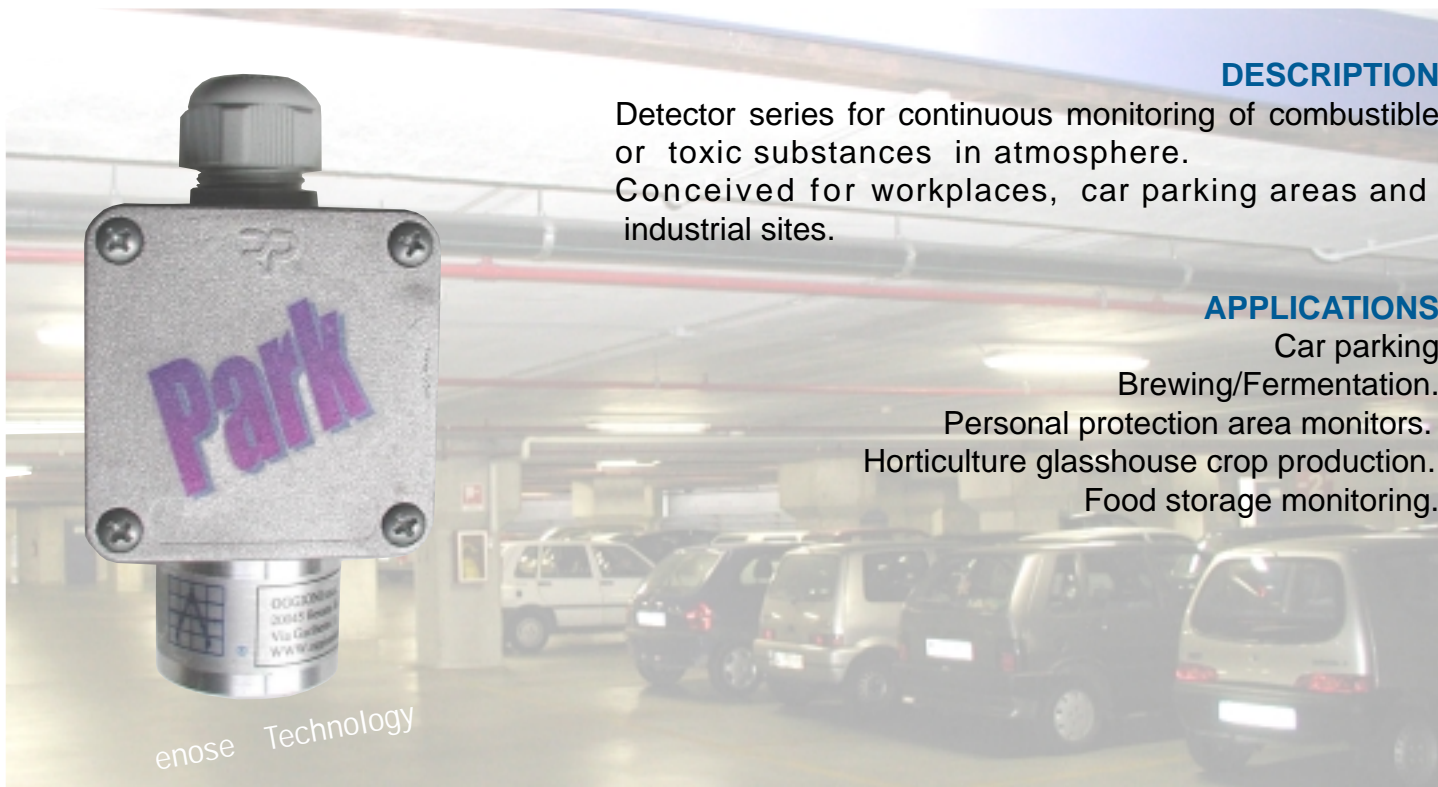


PARK GAS TRANSMITTERS

enose Technology



DESCRIPTION

Detector series for continuous monitoring of combustible or toxic substances in atmosphere. Conceived for workplaces, car parking areas and industrial sites.

APPLICATIONS

- Car parking
- Brewing/Fermentation.
- Personal protection area monitors.
- Horticulture glasshouse crop production.
- Food storage monitoring.

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Main Characteristic

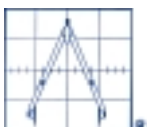
Microprocessor based
 Sensor self diagnosis and digital algorithm for signal conditioning.
 Highly immune to false alarms
 Low Power consumption

Automatic ZERO and SPAN adjustments.
 No user-adjustment are required.
 4-20 mA output
 "One Person" calibration
 Small size

MAIN SUBSTANCES LIST

SUBSTANCES	DESCRIPTION	Prod.cod.
Methane	General purpose catalytic sensor for fixed detecting systems of explosive substances 0-100%L.E.L.	PK/101
L.P.G.	General purpose catalytic sensor for fixed detecting systems of explosive substances 0-100%L.E.L.	PK/102
Butane	General purpose catalytic sensor for fixed detecting systems of explosive substances 0:100% L.E.L.	PK/105
Ethanol	General purpose catalytic sensor for fixed detecting systems of explosive substances 0:100% L.E.L.	PK/106
Gasoline Vapor	General purpose chemical absorption sensor for explosive substances 0-20 %L.E.L.	PK/30
Carbon Monoxide	Optimised chemical absorption sensor for CO 20-400/1000 ppm.	PK/20
Hydrogen	Optimised chemical absorption sensor for H2 20-400/1000 ppm.	PK/27
VOCs	High sensitivity to a wide range of VOCs	PK/71

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SPECIFICATION

Sensors	Catalytic pellistor or chemical absorption cell
Degree of protection	IP65
Short-term repeatability	±2% FSD 60 min.
Long-term repeatability	±5% FSD 3 months.
Accuracy(linearity)	±5% FSD

Environmental Specification

EMC susceptibility	10V/m
Storage temperature	-40 to 85 °C
Operating temperature	-20 to 70 °C
Humidity range	100% R.H. n.c.

Outputs Configurations

Outputs	Description	Code
4-20 mA	Analog current loop	AA
3 Open Collector	Sink outputs 400 mA max.	OC



Mechanical Specification

Overall dimensions	120 x 65 x 45 mm
Weight	0.6 Kg.
Mounting	2x6 mm holes
Termination IP65	PG16 Terminal block

Electrical Specification

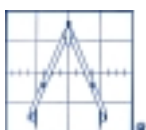
Supply Voltage	10-30 Vdc
Power consumption	2 watts
Supply fuse	500 mA
Signal fuse	63 mA
Analog output	4-20 mA
Load	0-300 ohms
Cable Type	3 conductor cable

Part number description

Body	Description	Substance Code	Output Configuration Code	
PK/ PK/	IP65 Aluminium body IP65 Aluminium body	101 :	AA OC	Analog 4-20 mA Open Collector
	Example of composition of the Part number for a sensor for methane in execution Park with 4-20 mA output cod. PK/101/AA			
	Example of composition of the Part number for a sensor for ammonia in execution Park with open collector outputs cod. PK/40/OC			

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