

**Ribble Enviro**  
*...everything gas detection*

# Data Sheet

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# SMART P

## EN-approved Gas Detector for Car Parks

Offers optional RS485 communications as standard, ongoing system self-diagnosis and easy sensor replacement.



The SMART P detectors from Sensitron are designed for gas detection in car parks, meeting the latest European Standard (EN 50545-1:2011). Capable of detecting CO, NO<sub>2</sub>, and petrol vapours, the SMART P-1 monitors a single gas, while the SMART P-2 detects two simultaneously. With RS485 communication as standard, they provide reliable protection in confined areas such as car parks.

## GASES

GAS	SENSOR TYPE	DEVICE
Carbon Monoxide (CO)	Electrochemical	SMART P-1 and P-2
Nitrogen Dioxide (NO <sub>2</sub> )	Electrochemical	SMART P-1 and P-2
Petrol Vapours	Catalytic sensor	SMART P-2 only

## SPECIFICATIONS

<b>SIZE</b>	Box: H100 x W100 x D52mm (3.9 x 3.9 x 2ins) Cover: H105.8 x W105.8 x D7.8mm (4.2 x 4.2 x 0.3ins)
<b>WEIGHT</b>	0.25kg
<b>ENCLOSURE MATERIAL</b>	Polycarbonate
<b>INGRESS PROTECTION</b>	IP55
<b>CONNECTION</b>	2 x M20
<b>POWER</b>	12-24 Vdc
<b>ELECTRICAL OUTPUT</b>	RS485 serial output
<b>OPERATING TEMPERATURE</b>	-20 / +50°C
<b>HUMIDITY</b>	15 / 90 %RH
<b>COMPLIANCE</b>	EMC EN 50270:2015 Car park standard EN 50545-1:2011

#### **Disclaimer**

Due to ongoing research and product improvement, specifications are subject to change without notice. While every effort has been made to ensure accuracy in this document, no responsibility can be accepted for errors or omissions. Data may change, as well as legislation, and you are strongly advised to obtain copies of the most recently issued regulations, standards, and guidelines. This document is not intended to form the basis of a contract.

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