

SMART P-1 and SMART P-2

EN-approved Gas Detectors for Car Parks

Standard RS485 communication
Ongoing system self-diagnosis
Easy sensor replacement
IP55 rated



Specification

	SMART P-1	SMART P-2
Size	Box: H100 x W100 x D52 mm (3.9 x 3.9 x 2ins) Cover: H105.8 x W105.8 x D7.8 mm (4.2 x 4.2 x 0.3ins)	
Weight	0.25kg	
Enclosure material	Polycarbonate	
Ingress Protection	IP55	
Connection	2 x M20	
Power	12-24 Vdc	
Electrical output	RS485 serial output	
Operating temperature	-20 / +50°C	
Humidity	15 /90 %RH	
Compliance	EMC EN 50270:2015 Car park standard EN 50545-1:2011	

Gases

Gas	Sensor type	Device
Carbon Monoxide (CO)	Electrochemical sensor	SMART P-1 and P-2
Sulphur Dioxide (SO ₂)	Electrochemical sensor	SMART P-1 and P-2
Petrol Vapours	Catalytic sensor	SMART P-2 Only