

GAS SENSOR SET



BENEFITS

- The gas sensor set enables various gas measurements to be integrated into the Rotronic Monitoring System.

APPLICATIONS

- Pharmaceutical
- Drying
- HVAC
- Food/feed applications



DESCRIPTION

Rotronic offer a range of analog probes to measure the following parameters: Carbon monoxide (CO), carbon dioxide (CO₂), chlorine (Cl₂), ethylene oxide (ETO), hydrogen (H₂), hydrogen sulfide (H₂S), hydrogen chloride (HCL), hydrogen cyanide (HCN), ammonia (NH₃), methane (LEL), combustible gas (LEL), combustible gas cat bead (LEL), nitrogen dioxide (NO₂), nitric oxide (N₂O), oxygen (O₂), sulphur dioxide (SO₂) and volatile organic compounds (VOC). Within the sets, the signal from the sensor is converted to 4...20 mA by the converter with power supply.

Delivery Package

- Gas sensor
- Power supply
- Converter box

Compatible with:

- RMS-ADC-L-R
 - RMS-MADC-868/915-A
 - RMS-WEB
 - RMS-CLD
- Analog Input
Analog Input
RMS Server Software
RMS Cloud

Dimensions

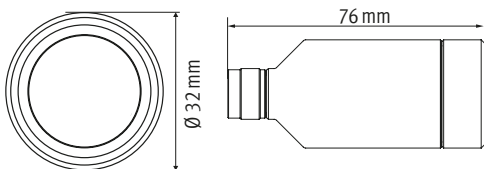


Fig.: CCA-S-20X-SET

TECHNICAL INFORMATION

Order code	Gas	Symbol	Range	Resolution	Converterbox
GCA-S-CO-XX50	Carbon Monoxide	CO	0-50 ppm	1 ppm	CONV-PC193
GCA-S-CO-X100	Carbon Monoxide	CO	0-100 ppm	1 ppm	CONV-PC193
GCA-S-CO-X500	Carbon Monoxide	CO	0-500 ppm	1 ppm	CONV-PC193
GCA-S-CO-1000	Carbon Monoxide	CO	0-1000 ppm	<12 ppm	CONV-PC193
CCA-S-CO2-X2	Carbon Dioxide	CO ₂	0-2 %Vol	0.10 %	CONV-PC190
CCA-S-CO2-X5	Carbon Dioxide	CO ₂	0-5 %Vol	0.10 %	CONV-PC190
CCA-S-CO2-100	Carbon Dioxide	CO ₂	0-100 %Vol	1 %Vol	CONV-PC190
GCA-S-ETO-XX20	Ethylene Oxide	ETO	0-20 ppm	0.1 ppm	CONV-PC193
GCA-S-ETO-X100	Ethylene Oxide #2	ETO	0-100 ppm	1 ppm	CONV-PC193
GCA-S-H2-1000	Hydrogen	H ₂	0-1000 ppm	2 ppm	CONV-PC193
GCA-S-H2-X100	Hydrogen	H ₂	0-100 %Vol	1 %Vol	CONV-PC193
GCA-S-H2S-XX50	Hydrogen Sulfide	H ₂ S	0-50 ppm	1 ppm	CONV-PC193
GCA-S-H2S-X100	Hydrogen Sulfide	H ₂ S	0-100 ppm	1 ppm	CONV-PC193
GCA-S-H2S-X100	Hydrogen Sulfide	H ₂ S	0-200 ppm	1 ppm	CONV-PC193
GCA-S-HCL-XX30	Hydrogen Chloride	HCL	0-30 ppm	1 ppm	CONV-PC193
GCA-S-HCN-XX30	Hydrogen Cyanide	HCN	0-30 ppm	1 ppm	CONV-PC193
GCA-S-NH3-X100	Ammonia	NH ₃	0-100 ppm	1 ppm	CONV-PC193
GCA-S-NH3-1000	Ammonia	NH ₃	0-1000 ppm	<12 ppm	CONV-PC193
GCA-S-LEL-100	Methane IR	LEL	0-100 %Vol	1 %Vol	CONV-PC190
GCA-S-LEL1-100	Combustible Gas IR	LEL	0-100 %LEL	1 %LEL	CONV-PC190
GCA-S-LEL2-100	Combustible Gas Cat Bead	LEL	0-100 %LEL	1 %LEL	CONV-PC194
GCA-S-NO-X100	Nitric Oxide	NO	0-100 ppm	1 ppm	CONV-PC193
GCA-S-N2O-XXX1000	Nitrous Oxide	N ₂ O	0-1000 ppm	20 ppm	CONV-PC190
GCA-S-N2O-XXX1	Nitrous Oxide	N ₂ O	0-1 %Vol	0.01 %	CONV-PC190
GCA-S-O2-XX21	Oxygen	O ₂	0-21 %Vol	0.1 %Vol	CONV-PC192
GCA-S-SO2-XX20	Sulphur Dioxide	SO ₂	0-20 ppm	0.1 ppm	CONV-PC193
GCA-S-VOC-XX20	Volatile Organic Compounds	VOC	0-20 ppm	0.1 ppm	CONV-PC193

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