

# CaNaRy

## Hydrogen sulphide meter

ACOWA CaNaRy is a unique hydrogen sulfide meter that can measure hydrogen sulfide in gaseous form at concentrations from 0-300ppm and converts this to a standard 4-20mA signal.

CaNaRy is a Danish developed and produced product, which complies with all specifications for electronics components that are placed in harsh environments.



CaNaRy is delivered fully calibrated and ready for installation with a 10m cable and does not need to be calibrated for the entire lifetime of the cell. The lifetime is expected to be 2 years minimum.

CaNaRy is developed on the same principle as our TurTle pressure transmitter, with replaceable measuring cell and standard 4-20mA signal for easy data collection. CaNaRy can be supplied with cables in three standard lengths of 10m, 15m or 30m. CaNaRy is not EX-classified and therefore must not be installed in EX areas. CaNaRy cannot tolerate immersion into liquids.

### Technical specifications

<b>Sensor type</b>	Sure Cell
<b>Size</b>	L = 235mm, W = 81mm
<b>Weight</b>	760g without cable
<b>Wire connection</b>	Red = Supply, Green = Signal, Black = Screen
<b>Cable length</b>	10m, 15m or 30m.
<b>Free fall drop</b>	30 cm
<b>Enclosure class</b>	IP65
<b>Supply</b>	24V DC (10V DC – 28V DC)
<b>Max. overpressure</b>	6 bar
<b>Measuring range</b>	0-300ppm
<b>Measurement signal</b>	4-20 mA
<b>Resolution</b>	0.25ppm
<b>Largest diameter</b>	81mm
<b>Sensor housing</b>	Impact resistant PP (Fiberglass 30%)
<b>Cable housing</b>	AISI 304
<b>Cable clamp</b>	TPU
<b>Cable material</b>	PUR
<b>Max. operating temperature</b>	+50°C

<b>Lifetime expectancy</b>	2 years in one – non - condensing relative humidity
<b>Operating-temperature</b>	-20°C to +50°C
<b>Certificates</b>	CE

### Applications

- Pumping stations
- Sewage treatment plants
- Measure wells

### Products

Item number	Description
1772-2203001	CaNaRy Hydrogen sulfide measuring cell 0-300ppm / 4-20mA.
1772-2201010	Sensor housing for measuring cell with 10m PUR cable.
1772-2201015	Sensor housing for measuring cell with 15m PUR cable.
1772-2201030	Sensor housing for measuring cell with 30m PUR cable..