

## Products

Product number	Description
1772-2203001	CaNaRy Sulfur Hydrogen measuring Cell 0-300ppm / 4-20mA.
1772-2201010	Sensor tube for measuring cell with 10 mtr. PUR cable.
1772-2201015	Sensor tube for measuring cell with 15 mtr. PUR cable.
1772-2201030	Sensor tube for measuring cell with 30 mtr. PUR cable.



# CaNaRy Quickguide

## About CaNaRy

CaNaRy is a unique sulfur hydrogen meter.

CaNaRy is designed for installation in pumping stations and other sewage related applications.

CaNaRy is a Danish developed and produced product, and comply with all specifications for electronics components, for installation in harsh environments.

## CaNaRy Functions

CaNaRy measures hydrogen sulphide content in gaseous form with a measuring range from 0-300ppm and converts this into a standard 4-20mA signal.

The measuring cell is calibrated from the factory and do not need calibration again throughout the entire lifetime of the cell.

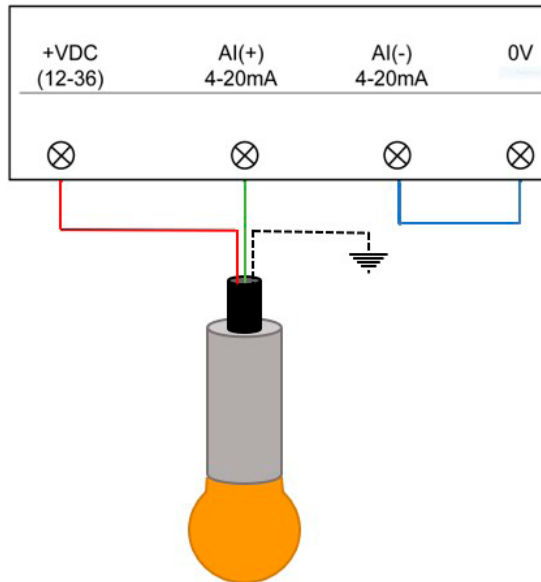
Whilst the CaNaRy is designed to be highly specific to the gas they are intended to measure, they will still respond to some degree to various other gases. Be aware that exposure to other gasses, can have a negative effect on the CaNaRy's lifetime expectancy.

## Installation and measures

For installation of the CaNaRy, the following specifications may be required.

NOTE! CaNaRy is not designed for immersion into liquids.

CaNaRy is not EX-rated and therefore cannot be used for installation in EX areas.



<b>Size</b>	L = 235mm, B = 81mm
<b>Weight</b>	760g without the cable
<b>Power Supply</b>	24V DC (10V DC – 28V DC)
<b>Installation</b>	Red = Power Supply Green = Signal Black = Screen
<b>Cable length</b>	Standard 10m (Can be delivered with the length of up to 30 meters cable on request)
<b>Free fall drop</b>	30 cm

## Specifications

<b>Sensortype</b>	Sure Cell
<b>Range</b>	0-300ppm
<b>Signal type</b>	4-20 mA
<b>Resolution</b>	0.25ppm
<b>Cable length</b>	10m
<b>Maximum diameter</b>	81mm
<b>Sensor housing</b>	Impact resistant PP (Glass fiber 30%)
<b>Cable housing</b>	AISI 304
<b>Cable bushing</b>	TPU
<b>Cable material</b>	PUR
<b>Enclosure class</b>	IP65
<b>Max. operating temperature</b>	+50°C
<b>Lifetime expectancy</b>	2 years in non-condensing relative humidity
<b>Power Supply</b>	10-35 V DC
<b>Operation temperatur</b>	-20 -+50°C
<b>Certification</b>	CE

