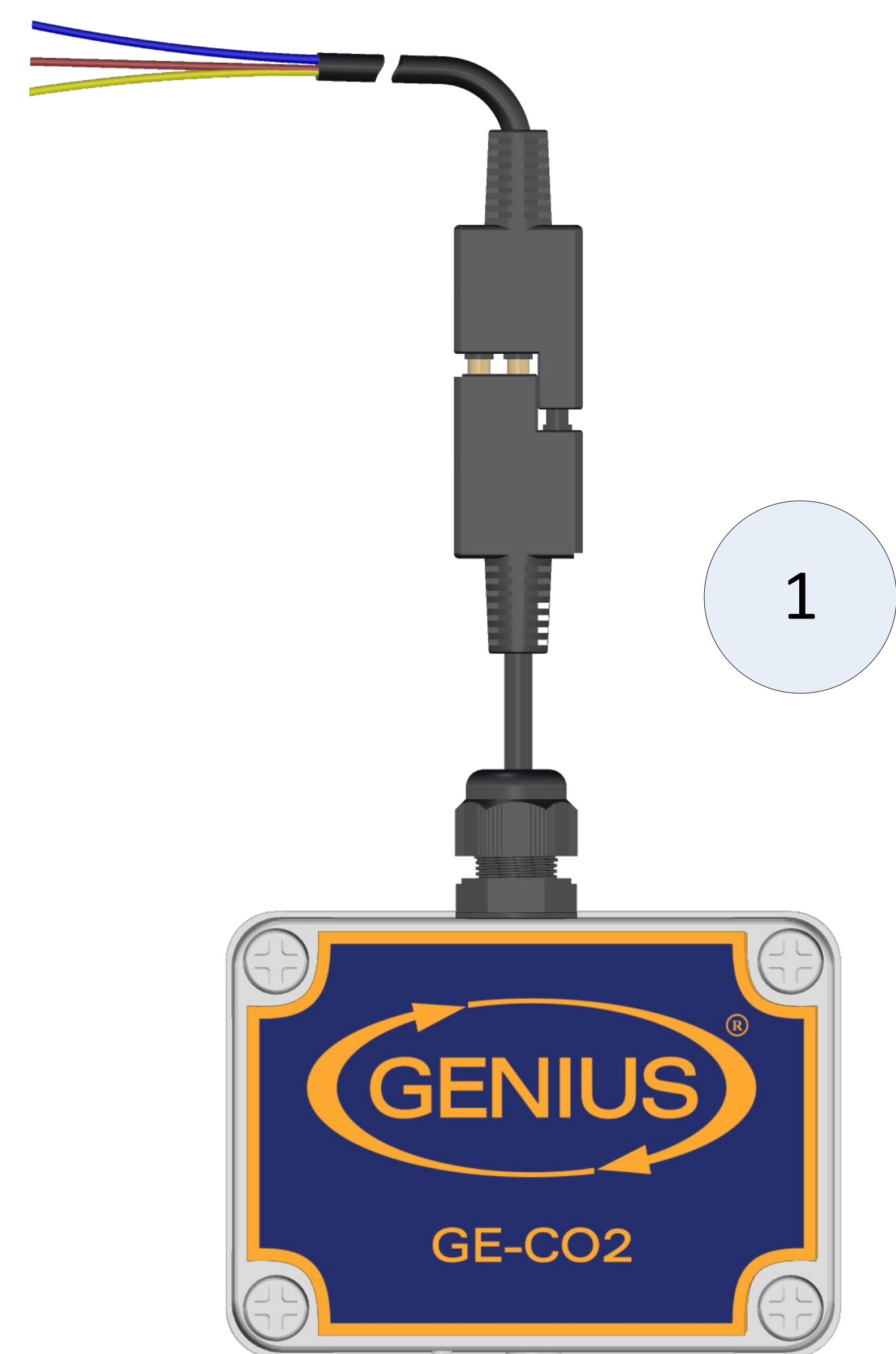


## Product description

The GE-CO2 is a CO2 sensor intended for livestock and industrial environments. Proper measurement and control of CO2 levels ensure animal welfare and safety. The sensor is ruggedly built for harsh production environments.



## Installation

The GE-CO2 should be installed in the middle of the livestock house.

The installation steps are as follows:

1. Using the provided installation kit, screw down the GE-CO2 in the location where it will be used. Ensure that the sensor side is exposed to ambient air (**Ref. 1**). Ensure that the sensor and its cable are protected from damage by livestock or user traffic.
2. Perform the electrical connections by following the diagram (**Ref. 2**)
3. Allow 10 minutes for the sensor to warm up after the connections are completed and the sensor is powered up.

## Maintenance

Clean the GE-CO2 using water and a brush.

Do not use:

- High pressure cleaners
- Highly compressed air
- Solvents
- Corrosive or caustic agents
- Alcohol-based disinfectants

## Specifications

### Measurement range

0-10,000 ppm

### Sample rate

15 s (approx)

### Output signal

4-20 mA

### Supply voltage

12 VDC

### Current consumption

90 mA

### Warm up time

<10 min

### Temperature (operation/storage)

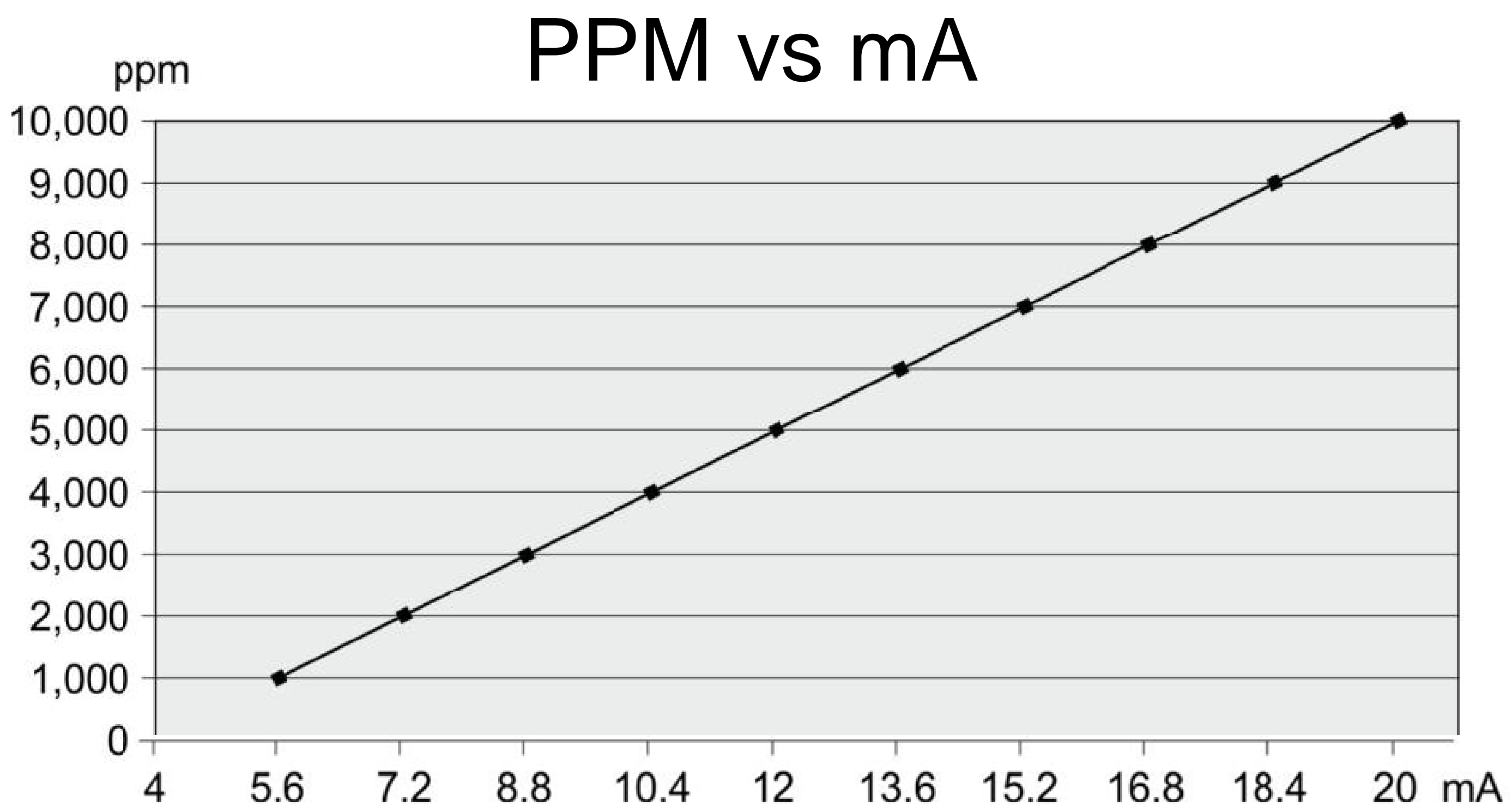
-40 to 140 °F (-40 to 60 °C)

### Humidity (operation)

100% non-condensing

### Humidity (storage)

95% non-condensing



## Optional SPS-12VDC-0.7A Power supply

Available to power the sensor.

## JUMPER

Ensure that the JP1 jumper on the PRB connector of the master controller is set to 4-20 mA

