



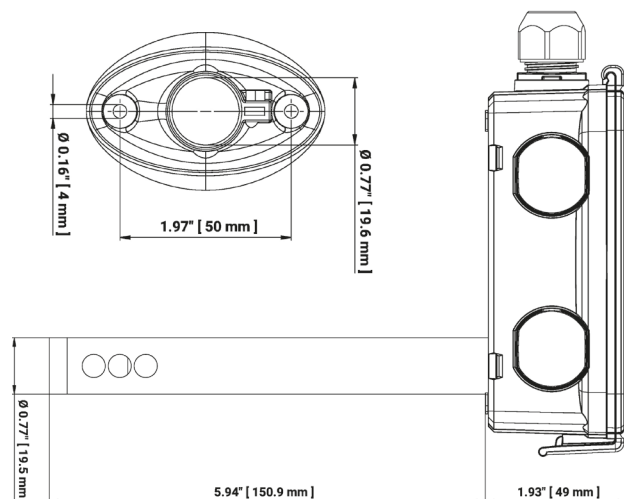
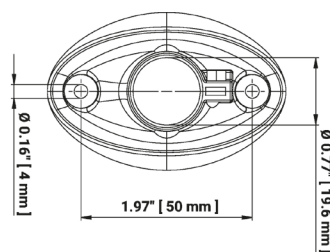
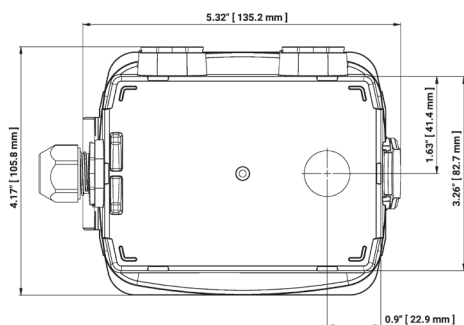
BASIC FEATURES

The **CI-CO2-22DC-11** is an CO₂ measurements for HVAC. The operation is based on the infrared principle. A patented auto-calibration procedure compensates for the aging of the infrared source and ensures outstanding long term stability. The transmitters are designed for applications within the HVAC industry.



PRIMARY PARAMETERS

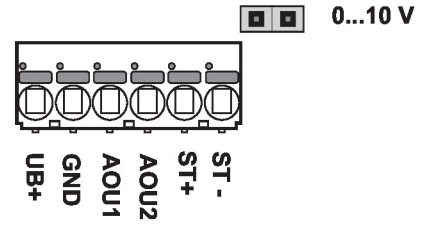
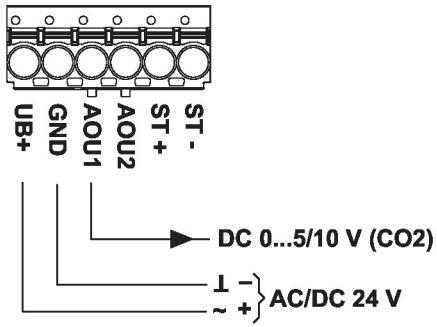
Power source	24V AC/DC
Nominal voltage range	19...29V AC / 15...35V DC
Output voltage	0-10V, min. resistance 10 kΩ
Measuring range	0...2000 ppm
Accuracy	±(50 ppm + 3% of measured value)
Ambient temperature / humidity	0...+50 °C / Max. 95% RH, non-condensing
Operating condition airflow	min. 0.3 m/s - max. 12 m/s
Electrical protection	IP65





WIRING DIAGRAMS

DC 0...5/10 V



ACCESSORIES

CI-AQS-COMBI

is a signal combiner for AQS sensors using 0-10V logic which you can connect up to 10 different sensors. The input signal with the highest voltage will be the signal that is on the output terminal.



KEY TO CODING

CI-CO2-22DC-11

Duct sensor of the concentration of CO₂