

PRESSURE REGULATOR CALAIR-PR-230V



Pressure regulator 230V with Modbus RTU communication, alarm relay and digital inputs.

The CALAIR-PR-230V pressure regulator measures differential pressure and controls ventilation system fans via a 0-10V signal.

Compensation of the setpoint for outdoor temperatures requires the connection of an outdoor temperature sensor to the CALAIR-PR-230V.

Two digital inputs can be used, for example for monitoring a fan motor and activation of other setpoints.

CALAIR-PR-230V can be read and be programmed via Modbus RTU (RS485).

Calair PR 230 is also equipped with an alarm log where the last ten alarms are recorded and saved.

The control rate is adjustable to allow adaption to different pressure control applications such as roof fans.

Technical data:

Output signal: 0-10V, (min. input impedance 10 k Ω)

Modbus communication: Modbus RTU via RS485

Speed (baud, rate, kbps): 9.6 / 19.2 / 38.4 / 57.6 / 115.2

Address: 1-247

Digital inputs: 2

Pressure range: 0-2000 Pa

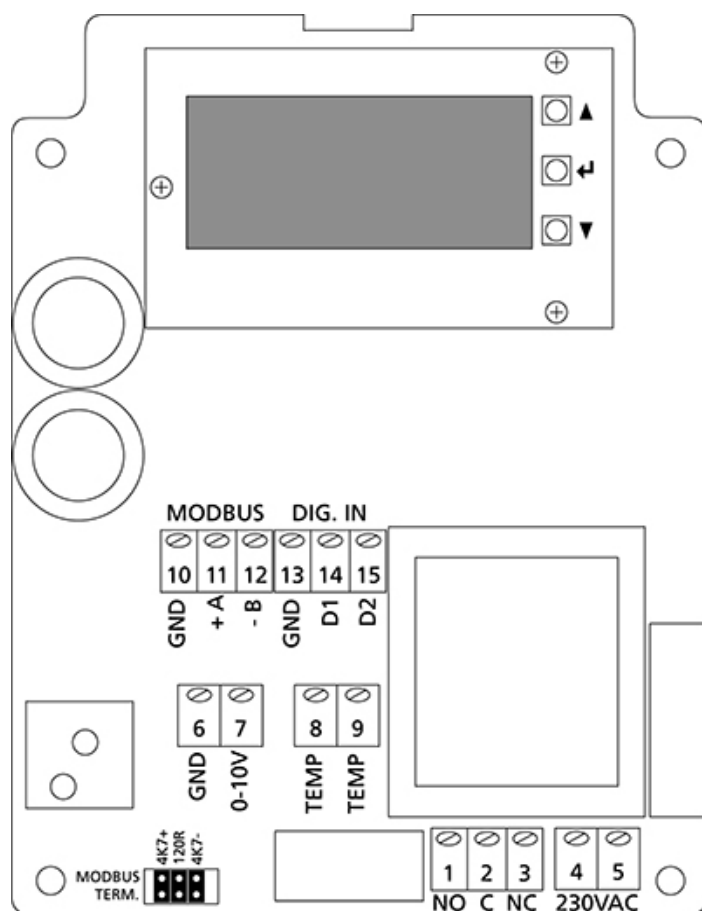
Ambient temperature: -30 to +50 °C

TECHNICAL DATA

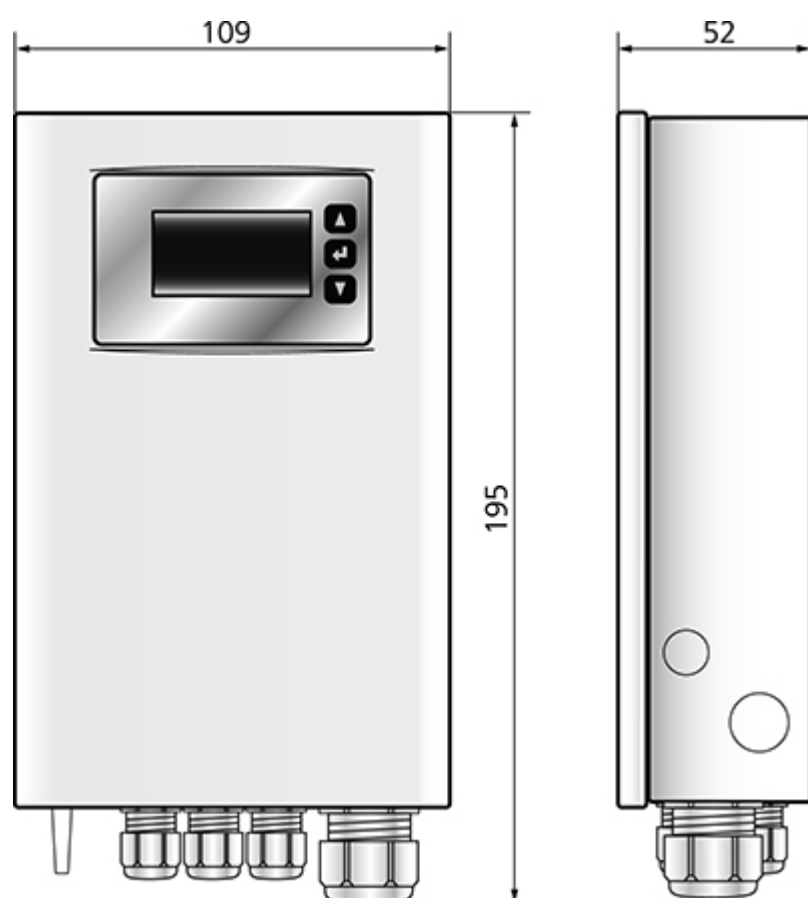
Pressure regulator 9500123

| Parameter | Value | Unit |
|-----------------|-------|------|
| Frequency | 500 | Hz |
| Weight | 0.5 | kg |
| Enclosure class | 54 | IP |

WIRING DIAGRAM



DIMENSIONS



ACCESSORIES

Electrical accessories



Outdoor temperature
sensor CTS-OW-
PT1000