



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

Accessories

- CTS-OW-PT1000

TECHNICAL DATA

9500123
Pressure regulator

Frequency	500 Hz
Weight	0.5 kg
Enclosure class	54 IP

DIMENSIONS

