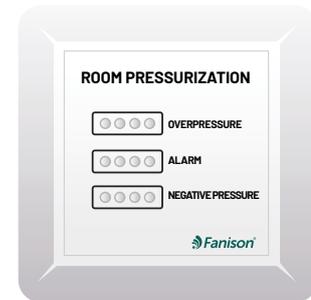


RPCI, PIM, PIK, RS33

DISPLAY UNIT, LIGHT PANEL / KEY PANEL / HOUSING

Additional accessories for use with the pressure monitor / regulator with the RP-CS for monitoring and adjusting the room pressure, e.g. in clean rooms, laboratories and pressurized rooms. RP-CS is always used with display unit PR-CI. RP-CSI also includes a display unit.

- RP-CI30/32: Digital real-time room pressure display
- PIM3: Light panel for indicating pressure settings and alarms
- PIK 21/22/33: Key switch for selecting pressure settings
- The RS33 is a surface mount case that the panels fit into



TECHNICAL INFORMATION

PIM 3

Operating voltage	24 VAC +/-15%, 50-60 Hz
Power consumption	0.1 VA
Ambient temperature	0 to 50 C
Encapsulation	ABS, IP 41 ELKO 84x84x10 mm (embedded in wall box)
Indications	
Overpressure selected	Yellow light Indicates that the room pressure is set to overpressure.
Alarm mode	Red light Indicates that the room pressure is not correct or the door has been left open (the function determination of the light is case-specific)
Negative pressure selected	Green light Indicates that the room pressure is set to negative.

PIK 21/22/33

Operating voltage	24 VAC
Activities	PIK 21 key switch 2 positions, 1 tips PIK 22 key switch 2 positions, 2 tips (used with PIM3) PIK 33 key switch 3 positions, 3 tips (used with RP3A)
Ambient temperature	0 to 50 C
Encapsulation	ABS, IP 41 ELKO 84x84x10 mm (embedded in wall box)

INSTALLATION

The equipment can be freely installed in different positions, however, in such a way that its tuning, use and maintenance is as easy as possible.

USE

The devices are maintenance-free and do not normally require regular maintenance or cleaning. The decommissioned device is recycled according to separate instructions.

PROGRAMMING

To change the parameter settings, the pressure regulator RP-CS must be set to programming mode by pressing all three (Prog, +, -) keys on the pressure display at the same time. In programming mode, the value of the parameter is changed by pressing the + and - keys, and the desired value is activated by pressing the Prog key, it is displayed alternately with the parameter number. When the parameter number is displayed, a dot appears in the lower right corner.

The value of the parameter is changed by pressing the + and - keys and the desired value is activated by pressing the Prog key. After this, the programming moves to the next parameter. Parameter P10 is the reset mode of the pressure transmitter, in which case press the + or - key for 2 seconds. Other parameters P20 to P91 can be changed as needed. The parameters with their options and factory settings are listed in a separate tuning guide. Separate instructions for connecting the key switches and light panel.

PIK 21/22/33



Pressure setting key switch

PIM 3



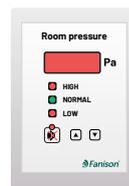
Light panel

RP-CI32



Pressure display

RP-CI30



Pressure display only surface mounting

CIRCUIT DIAGRAM

