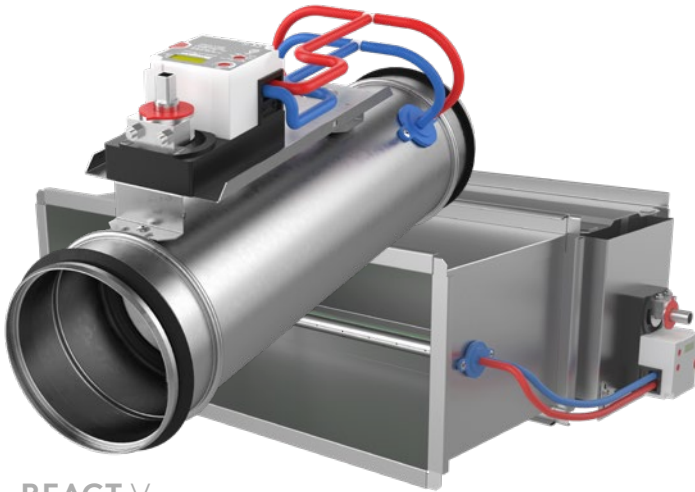
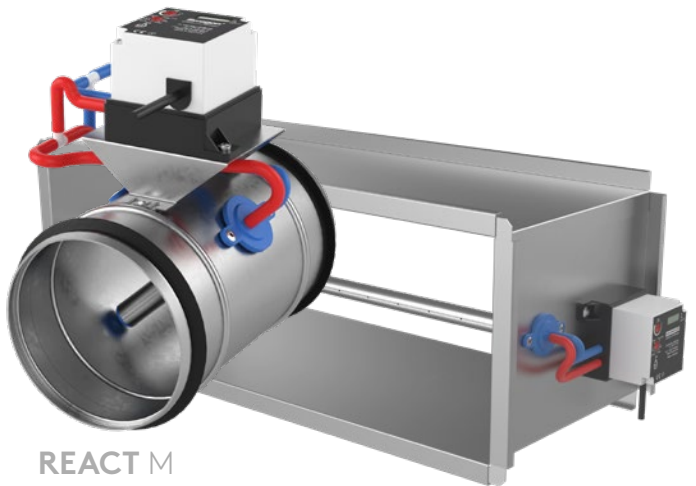


REACT

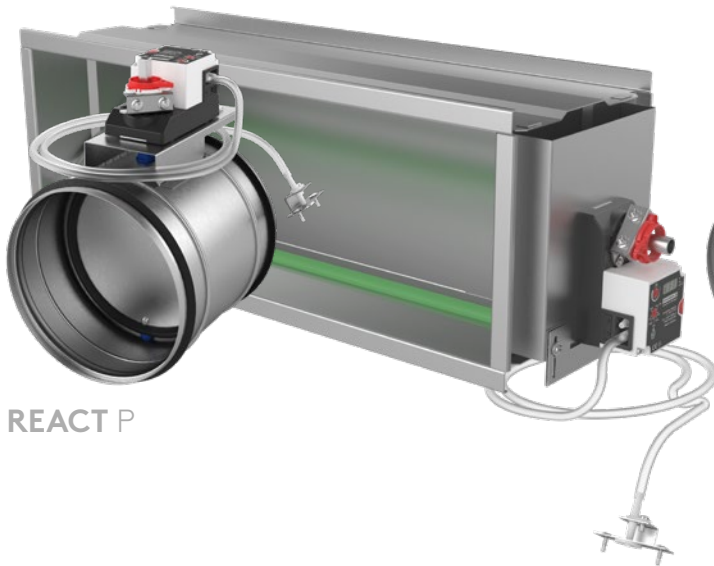
DESCRIPTION OF FUNCTIONS & WIRING DIAGRAM



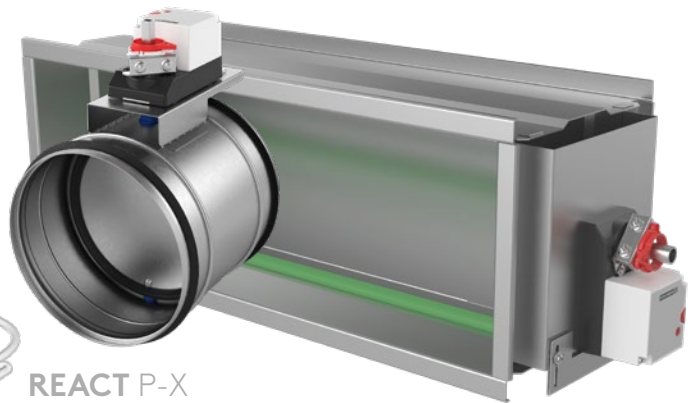
REACT V



REACT M



REACT P



REACT P-X

Regulation and measurement
on the highest level

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Constant flow regulation

Air flow measurement and damper regulation to maintain the set air flow.

Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V

Vmin = Constant flow

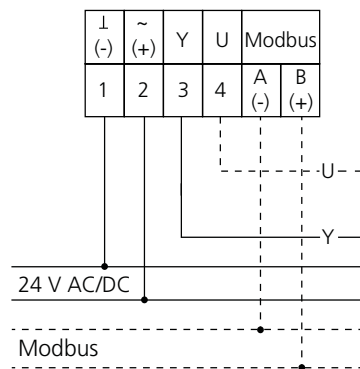
Vmax = 0 l/s

Indicates "Test" on the display.

Wiring diagram

REACT V

REACT V-SR



Notes

Air flow control

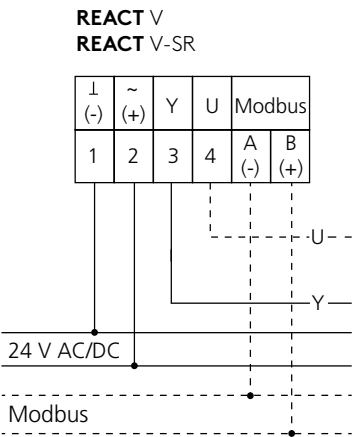
Air flow measurement and regulating damper that variably controls the air flow between minimum and maximum flow rate depending on the control signal.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

- REACT V**
- Vmin = Minimum flow rate
 - Vmax = Maximum flow rate
 - Mode = 0 (2)-10 V

Wiring diagram



Notes

Two-flow control with presence sensor

Air flow measurement and regulating damper that controls the air flow on the set position. The damper switches via occupancy detection between two fixed flows.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

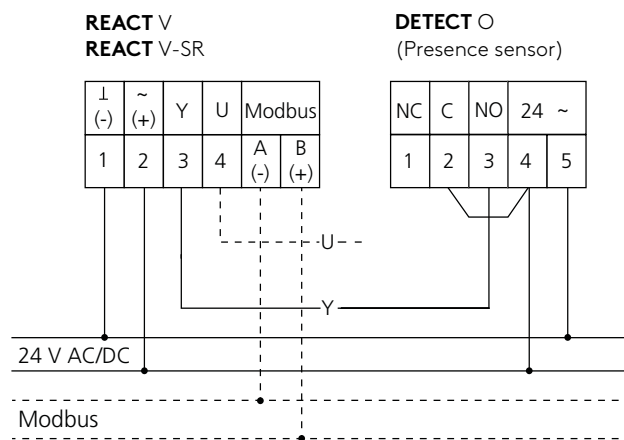
REACT V

Vmin = Unoccupied flow

Vmax = Occupancy flow

The damper will indicate "Test" on the display when boosting (occupancy) to show it is manually boosted.

Wiring diagram



Notes

Air flow control with temperature and CO₂ function

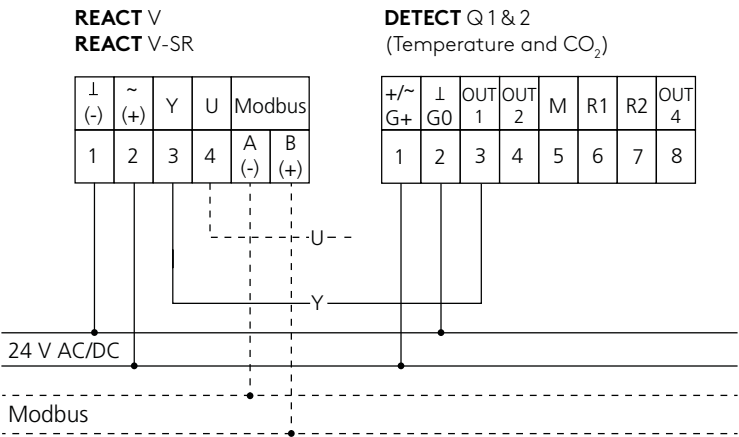
Air flow measurement and regulating damper that variably controls the air flow between minimum and maximum flow rate depending on the current temperature and the CO₂ content in the room.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

- REACT V**
- Vmin = Minimum flow rate
 - Vmax = Maximum flow rate
 - Mode = 0-10 V

Wiring diagram



Notes

Air flow control with temperature, CO₂ and occupancy function

Air flow measurement and regulating damper that variably controls the air flow between minimum and maximum flow rate depending on the current temperature and the CO₂ content in the room. Occupancy is detected in the room via the presence sensor. The damper is regulated to minimum flow rate in no-occupancy mode.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V

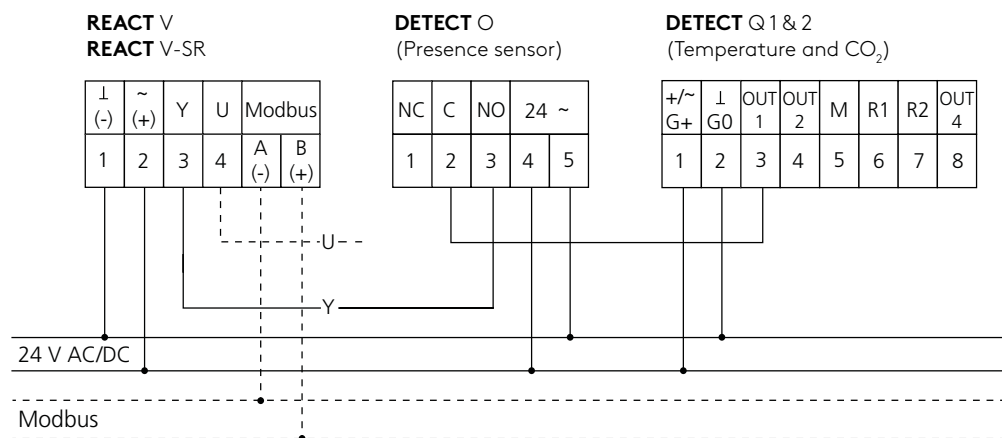
Vmin = Minimum flow rate

Vmax = Maximum flow rate

Mode = 0-10 V

Settings for the on and off delay are made on the presence sensor.

Wiring diagram



Notes

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Set point min = 19 °C
Set point max = 25 °C

Wiring diagram

Notes

Air flow control with controller for demand control

Air flow measurement and regulating damper that variably controls the air flow between minimum and maximum flow rate depending on the control signal.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

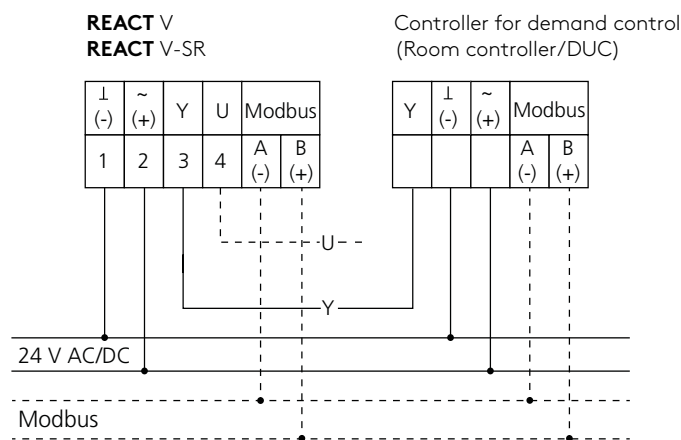
REACT V

Vmin = Minimum flow rate

Vmax = Maximum flow rate

Mode = 0 (2)-10 V

Wiring diagram



Notes

Air flow control with temperature regulator for demand control and occupancy function

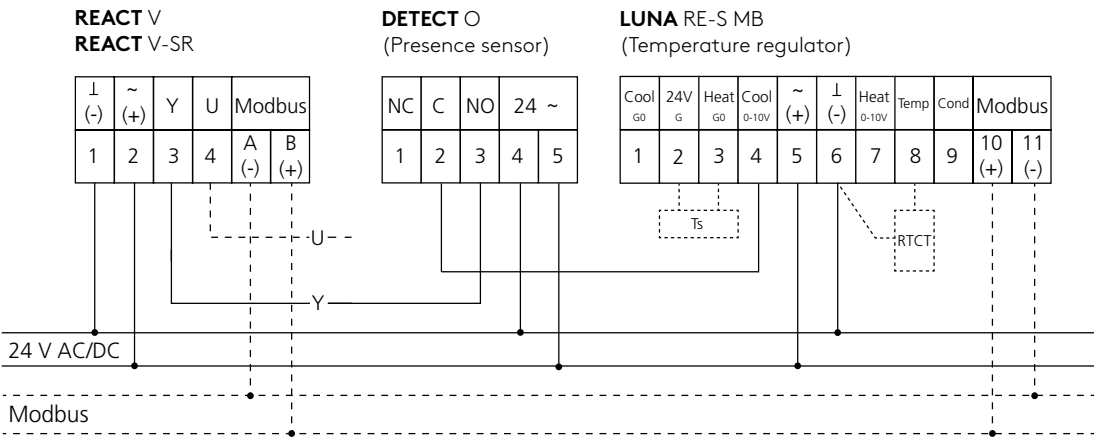
Air flow measurement and regulating damper that variably controls the air flow between the set minimum and maximum flow rate (cooling function) depending on the temperature set point in occupancy mode. The room is regulated to minimum flow rate in no-occupancy mode. The wiring diagram also shows the alternative with RTCT duct temperature sensor and thermo-actuator (heating function).

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Inställning

REACT V	LUNA RE-S MB
Vmin = Minimum flow rate	Set point min = 19 °C
Vmax = Maximum flow rate	Set point max = 25 °C
Mode = 0 (2)-10 V	

Wiring diagram



Notes

Air flow control with controller for demand control and occupancy function

Air flow measurement and regulating damper that variably controls the air flow between minimum and maximum flow rate depending on the control signal in occupancy mode. The room is regulated to minimum flow rate in no-occupancy mode.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V

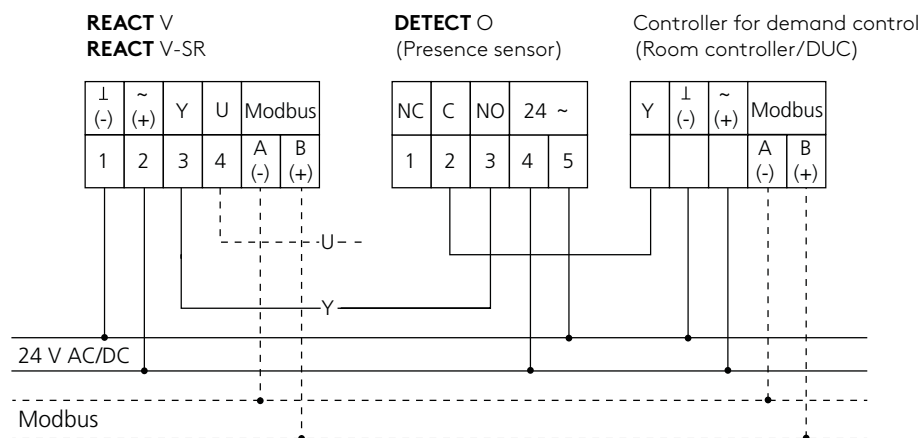
Vmin = Minimum flow rate

Vmax = Maximum flow rate

Mode = 0 (2)-10 V

Settings for the on and off delay are made on the presence sensor

Wiring diagram



Notes

Parallel controlled air flow control

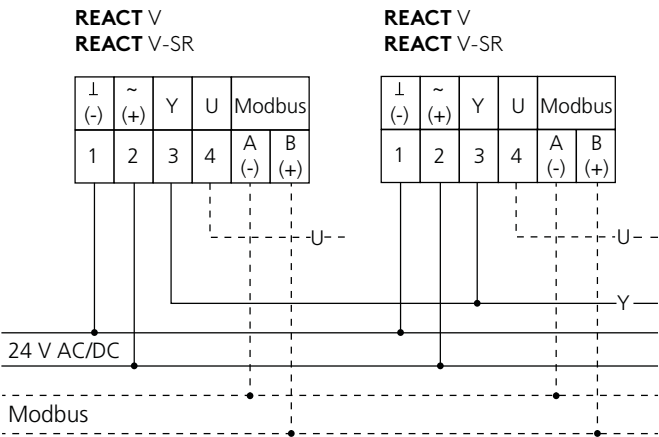
Air flow measurement and regulating damper that variably controls the air flow in parallel between minimum and maximum flow rate depending on the control signal.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

- REACT V**
 Vmin = Minimum flow rate
 Vmax = Maximum flow rate
 Mode = 0 (2)-10 V

Wiring diagram



Notes

Parallel controlled two-flow control with presence sensor

Air flow measurement and regulating damper that controls the air flow on the set position. The dampers switch via occupancy detection between two fixed flows.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

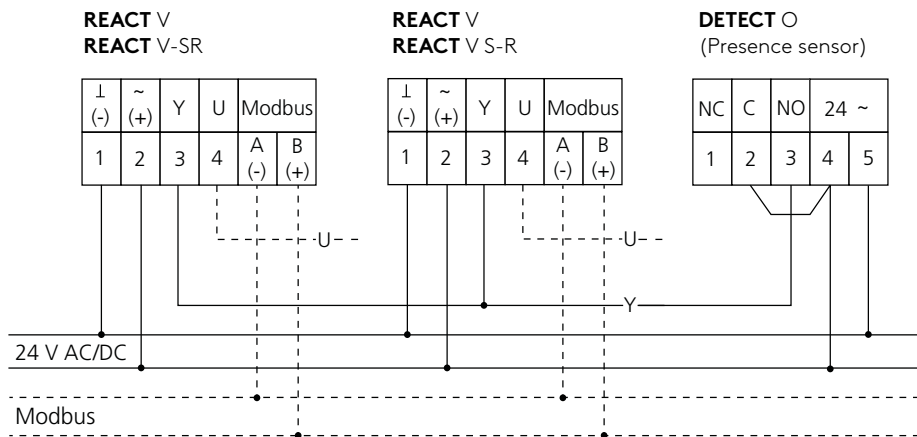
REACT V

Vmin = Unoccupied flow

Vmax = Occupancy flow

The dampers will indicate "Test" on the display when boosting (occupancy) to show they are manually boosted.

Wiring diagram



Notes

Parallel controlled air flow control with temperature and CO₂ function

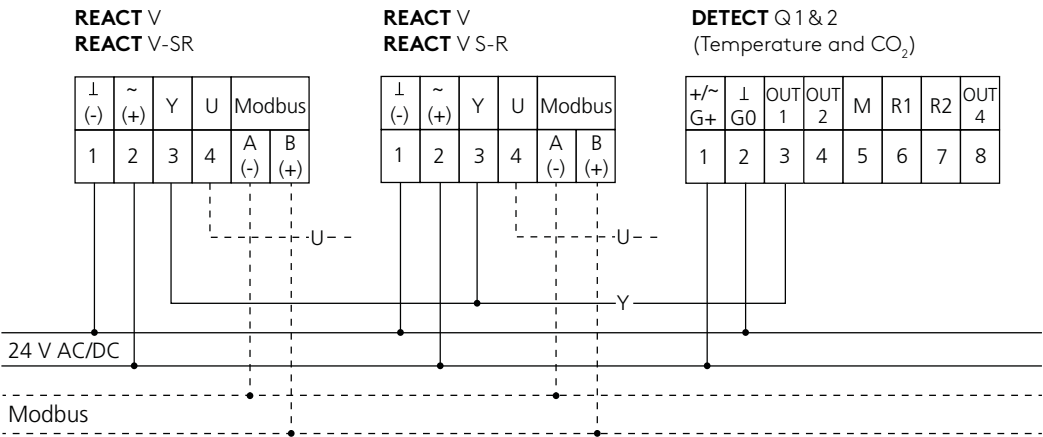
Air flow measurement and regulating dampers that variably control the air flow in parallel between minimum and maximum flow rate depending on the current temperature and the CO₂ content in the room.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

- REACT V**
- Vmin = Minimum flow rate
 - Vmax = Maximum flow rate
 - Mode = 0-10 V

Wiring diagram



Notes

Parallel controlled air flow control with temperature, CO₂ and occupancy function

Air flow measurement and regulating dampers that variably control the air flow in parallel between minimum and maximum flow rate depending on the current temperature and the CO₂ content in the room. Occupancy is detected in the room via the presence sensor. The dampers are regulated to minimum flow rate in no-occupancy mode.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V

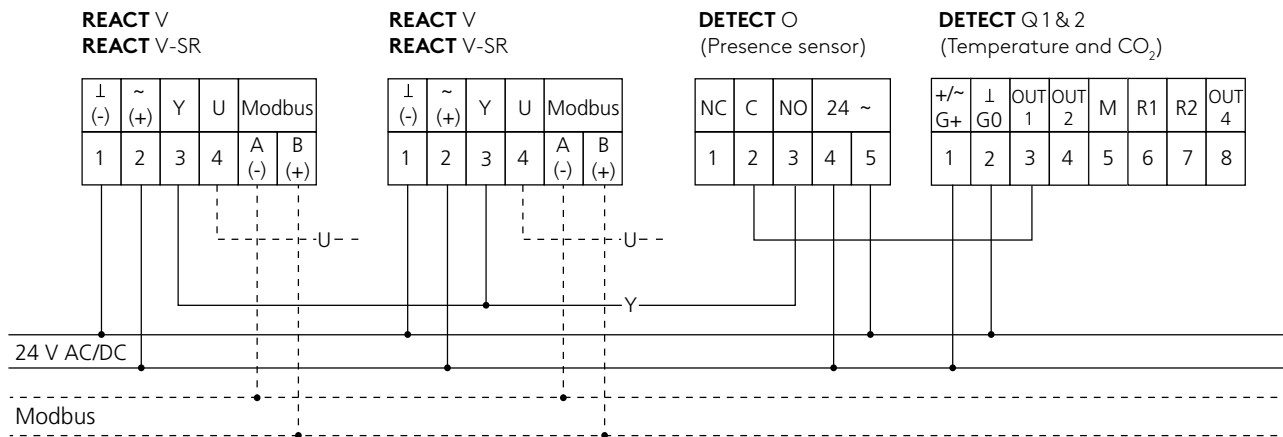
Vmin = Minimum flow rate

Vmax = Maximum flow rate

Mode = 0-10 V

Settings for the on and off delay are made on the presence sensor.

Wiring diagram



Notes

Parallel controlled air flow control with temperature regulator for demand control

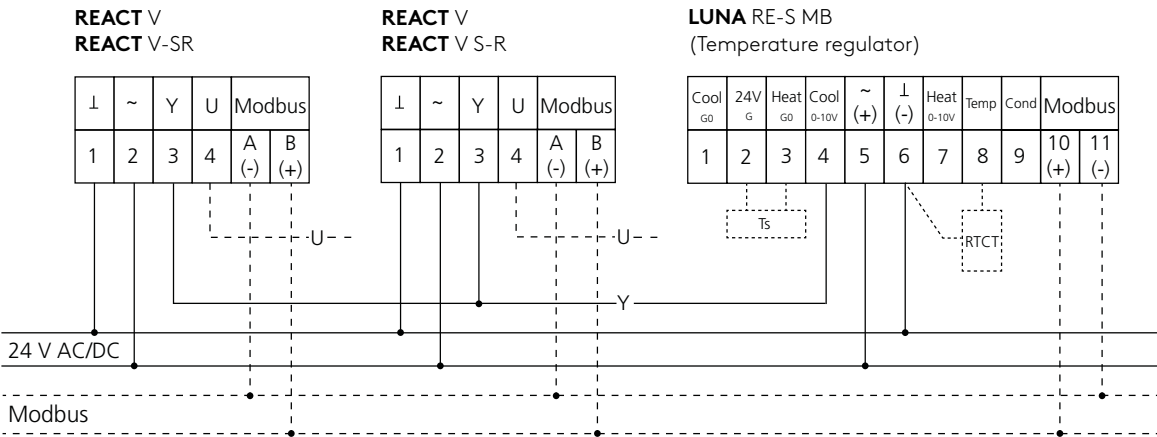
Air flow measurement and regulating damper that variably controls the air flow in parallel between the set minimum and maximum flow rate (cooling function) depending on the temperature set point. The wiring diagram also shows the alternative with RTCT duct temperature sensor and thermo-actuator (heating function).

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V	LUNA RE-S MB
Vmin = Minimum flow rate	Set point min = 19 °C
Vmax = Maximum flow rate	Set point max = 25 °C
Mode = 0-10 V	

Wiring diagram



Notes

Parallel controlled air flow control with controller for demand control

Air flow measurement and regulating damper that variably controls the air flow in parallel between minimum and maximum flow rate depending on the control signal.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

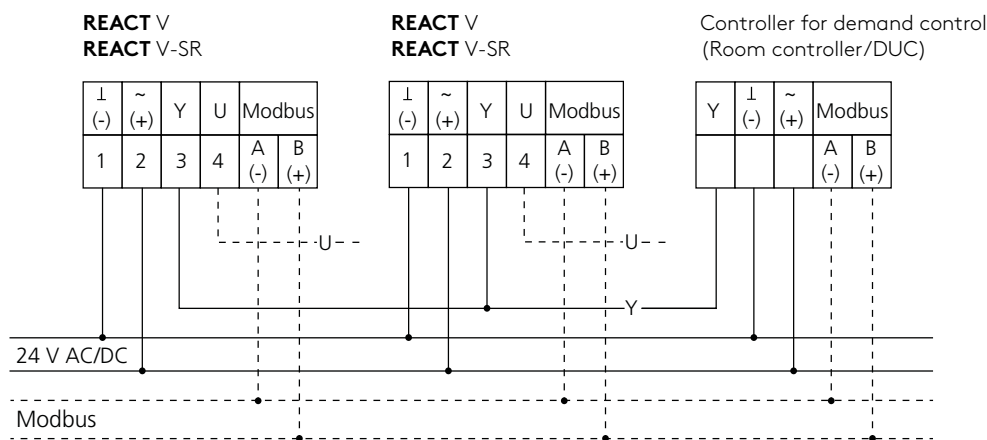
REACT V

Vmin = Minimum flow rate

Vmax = Maximum flow rate

Mode = 0 (2)-10 V

Wiring diagram



Notes

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Set point min = 19 °C
Set point max = 25 °C

Wiring diagram

Notes

Parallel controlled air flow control with controller for demand control and occupancy function

Air flow measurement and regulating damper that variably controls the air flow in parallel between minimum and maximum flow rate depending on the control signal in occupancy mode. The room is regulated to minimum flow rate in no-occupancy mode.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V

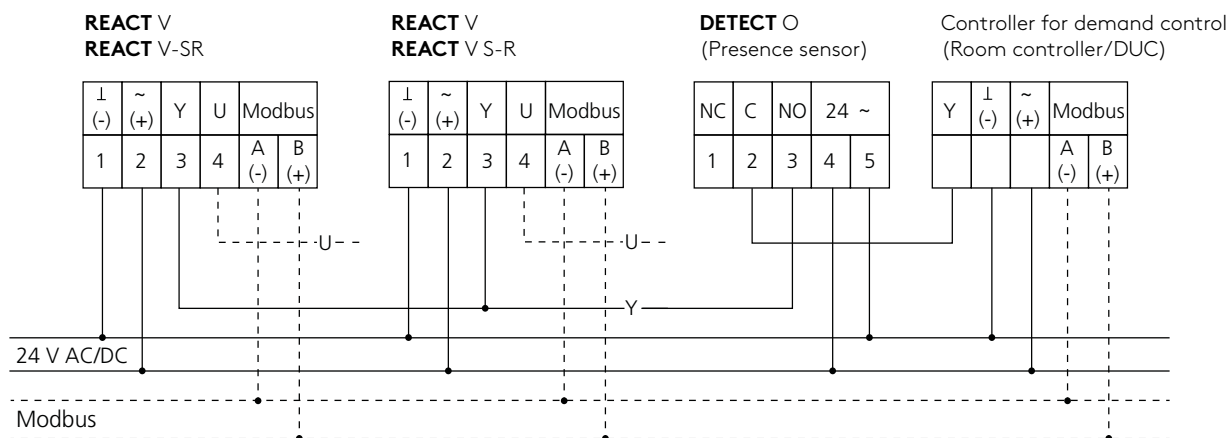
Vmin = Minimum flow rate

Vmax = Maximum flow rate

Mode = 0 (2)-10 V

Settings for the on and off delay are made on the presence sensor.

Wiring diagram



Notes

Balanced air flow control

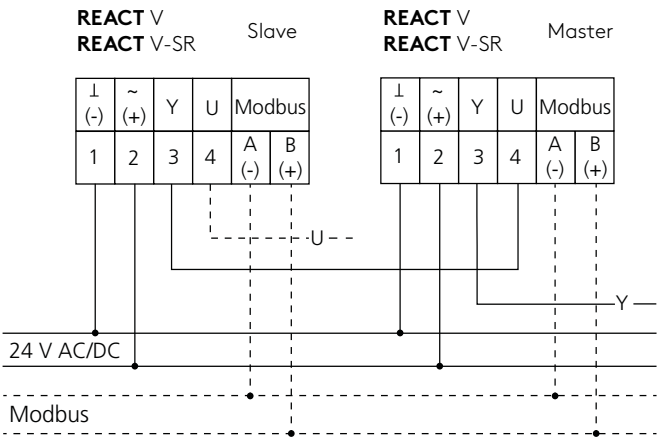
Air flow measurement and regulating damper that variably controls the air flow between minimum and maximum flow rate depending on the control signal. The air flow value from the master damper is sent analogously to the slave damper to maintain the balance in the room.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V (Master)	REACT V (Slave)
Vmin = Minimum flow rate	Vmin = 0
Vmax = Maximum flow rate	Vmax = Vnom on Master
Mode = 0 (2)-10 V	Mode = Same as Master

Wiring diagram



Notes

Balanced two-flow control with presence sensor

Air flow measurement and regulating damper that controls the air flow on the set position. The damper switches via occupancy detection between two fixed flows. The air flow value from the master damper is sent analogously to the slave damper to maintain the balance in the room.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

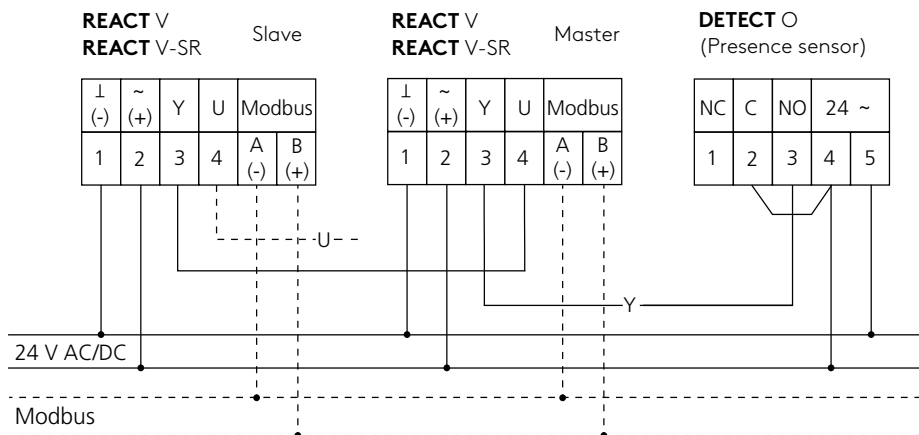
REACT V (Master)

Vmin = Minimum flow rate
Vmax = Maximum flow rate
Mode = 0 (2)-10 V

REACT V (Slave)

Vmin = 0
Vmax = Vnom on Master
Mode = Same as Master

Wiring diagram



Notes

Balanced air flow control with temperature and CO₂ function

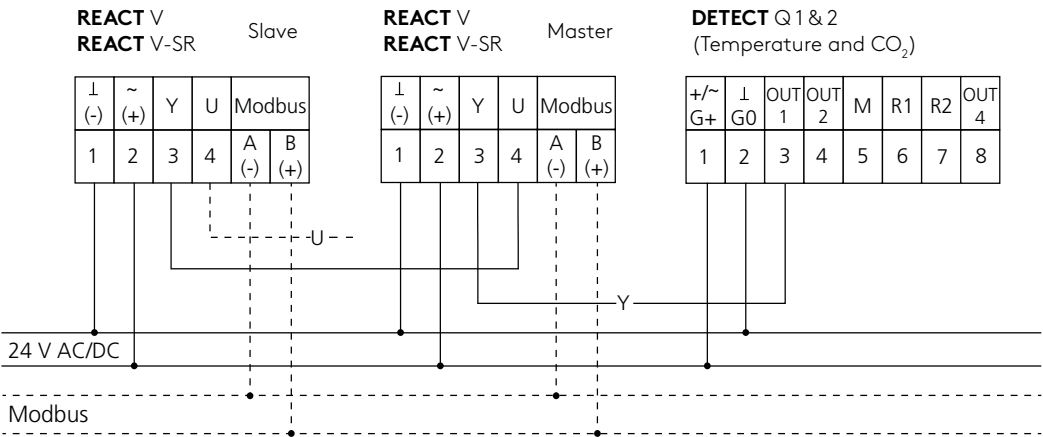
Air flow measurement and regulating damper that variably controls the air flow between minimum and maximum flow rate depending on the current temperature and the CO₂ content in the room. The air flow value from the master damper is sent analogously to the slave damper to maintain the balance in the room.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V (Master)	REACT V (Slave)
Vmin = Minimum flow rate	Vmin = 0
Vmax = Maximum flow rate	Vmax = Vnom on Master
Mode = 0-10 V	Mode = Same as Master

Wiring diagram



Notes

Balanced air flow control with temperature, CO₂ and occupancy function

Air flow measurement and regulating damper that variably controls the air flow between minimum and maximum flow rate depending on the current temperature and the CO₂ content in the room. Occupancy is detected in the room via the presence sensor. The dampers are regulated to minimum flow rate in no-occupancy mode. The air flow value from the master damper is sent analogously to the slave damper to maintain the balance in the room.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V (Master)

Vmin = Minimum flow rate

Vmax = Maximum flow rate

Mode = 0-10 V

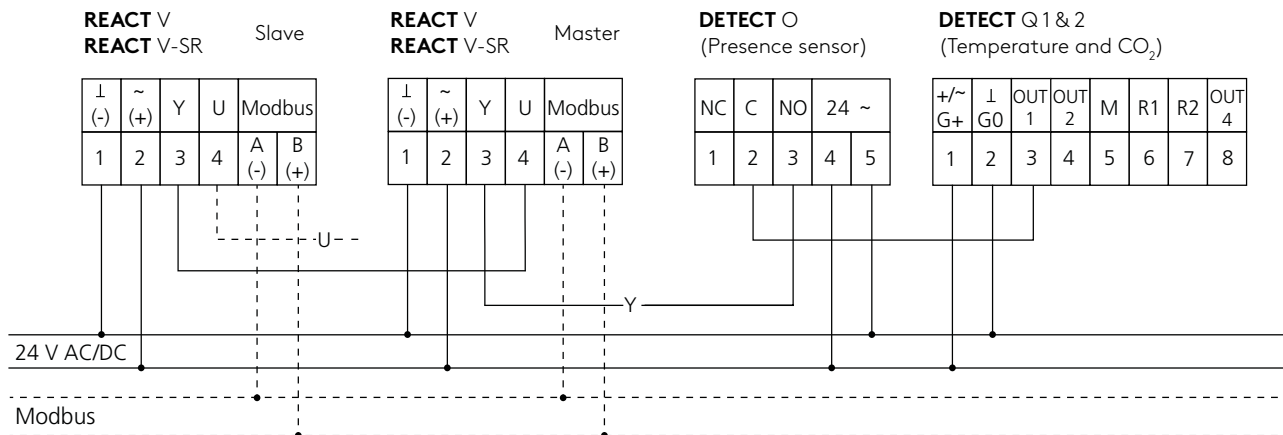
REACT V (Slave)

Vmin = 0

Vmax = Vnom on Master

Mode = Same as Master

Wiring diagram



Notes

Balanced air flow control with temperature regulator for demand control

Air flow measurement and regulating damper that variably controls the air flow between the set minimum and maximum flow rate (cooling function) depending on the temperature set point. The air flow value from the master damper is sent analogously to the slave damper to maintain the balance in the room. The wiring diagram also shows the alternative with RTCT duct temperature sensor and thermo-actuator (heating function).

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V (Master)

V_{min} = Minimum flow rate

V_{max} = Maximum flow rate

Mode = 0-10 V

REACT V (Slave)

$$V_{\min} = 0$$
$$V_{max} = V_{nom} \text{ on Master}$$

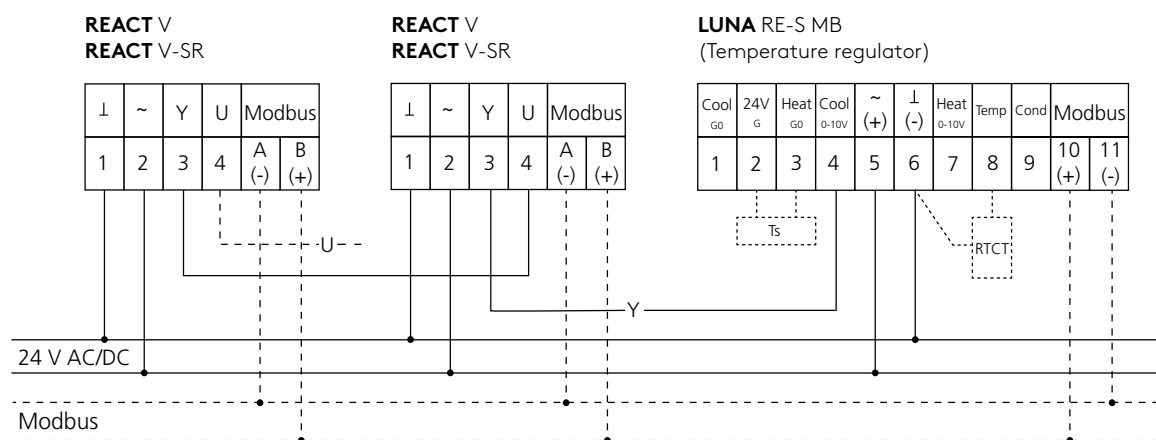
Mode = Same as Master

LUNA RE-S MB

Set point min = 19 °C

Set point max = 25 °C

Wiring diagram



Notes

Balanced air flow control with controller for demand control

Air flow measurement and regulating damper that variably controls the air flow between minimum and maximum flow rate depending on the control signal. The air flow value from the master damper is sent analogously to the slave damper to maintain the balance in the room.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V (Master)

Vmin = Minimum flow rate

Vmax = Maximum flow rate

Mode = 0 (2)-10 V

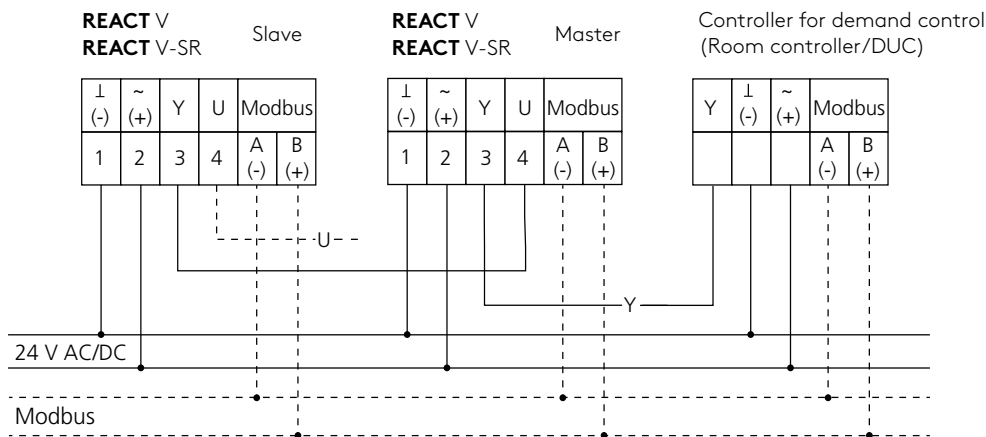
REACT V (Slave)

Vmin = 0

Vmax = Vnom on Master

Mode = Same as Master

Wiring diagram



Notes

Balanced air flow control with temperature regulator for demand control and occupancy function

Air flow measurement and regulating damper that variably controls the air flow between the set minimum and maximum flow rate (cooling function) depending on the temperature set point in occupancy mode. The room is regulated to minimum flow rate in no-occupancy mode. The air flow value from the master damper is sent analogously to the slave damper to maintain the balance in the room. The wiring diagram also shows the alternative with RTCT duct temperature sensor and thermo-actuator (heating function).

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V (Master)

Vmin = Minimum flow rate
Vmax = Maximum flow rate
Mode = 0-10 V

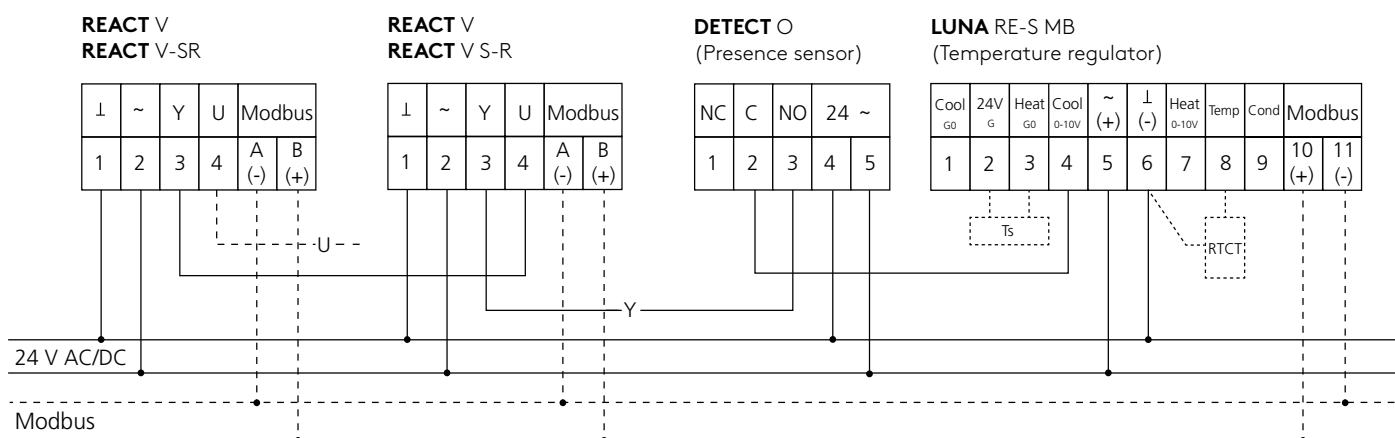
REACT V (Slave)

Vmin = 0
Vmax = Vnom on Master
Mode = Same as Master

LUNA RE-S MB

Set point min = 19 °C
Set point max = 25 °C

Wiring diagram



Notes

Balanced air flow control with controller for demand control and occupancy function

Air flow measurement and regulating damper that variably controls the air flow between minimum and maximum flow rate depending on the control signal in occupancy mode. The room is regulated to minimum flow rate in no-occupancy mode. The air flow value from the master damper is sent analogously to the slave damper to maintain the balance in the room.

Demand control via analogue control signal (Y). Return of the current air flow via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT V (Master)

Vmin = Minimum flow rate

Vmax = Maximum flow rate

Mode = 0 (2)-10 V

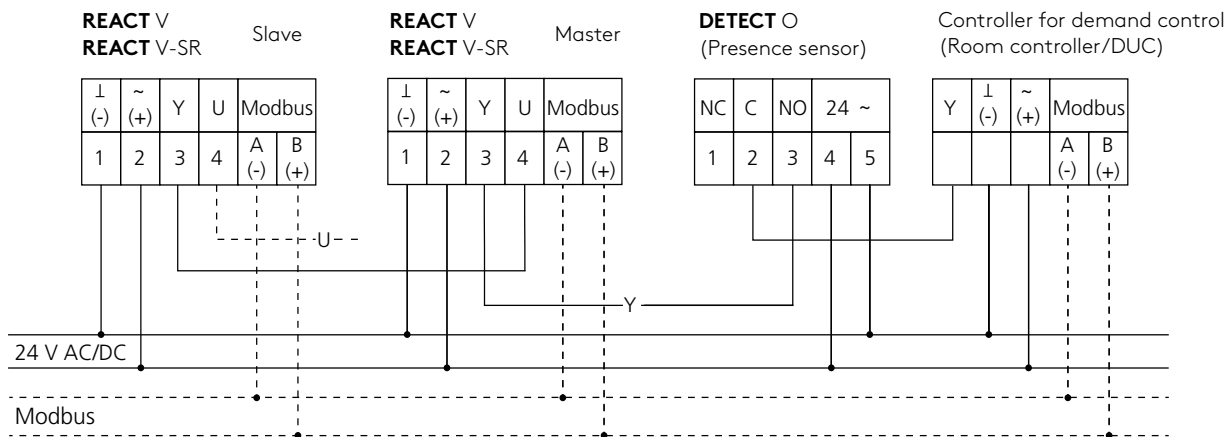
REACT V (Slave)

Vmin = 0

Vmax = Vnom on Master

Mode = Same as Master

Wiring diagram



Notes

Measurement of the air flow

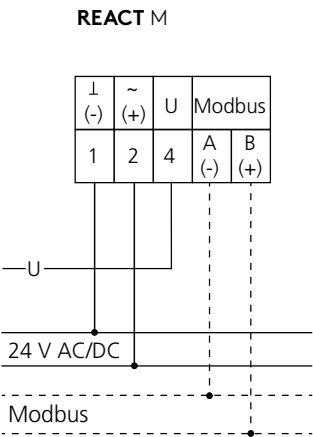
The air flow measuring device that variably sends out the air flow value depending on minimum and maximum flow rate.

Return of the current air flow via analogue actual value signal (U).
 Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

- REACT M**
- Vmin = Set value for min. actual value signal (0/2 V)
 - Vmax = Set value for max. actual value signal (10 V)
 - Mode = 0 (2)-10 V

Wiring diagram



Notes

Air flow measurement with slave-controlled air flow control in balance

The air flow value from the measuring unit is sent analogously to the slave damper depending on minimum and maximum flow rate to maintain the balance in the room.

Return of the current air flow via analogue actual value signal (U).

Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT M (Master)

Vmin = Set value for min. actual value signal (0/2 V)

Vmax = Set value for max. actual value signal (10 V)

Mode = 0 (2)-10 V

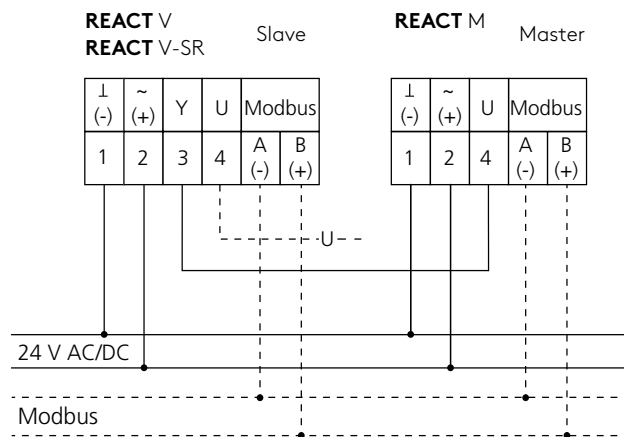
REACT V (Slave)

Vmin = Same as Master

Vmax = Same as Master

Mode = Same as Master

Wiring diagram



Notes

Air flow measurement with slave-controlled air flow control with offset

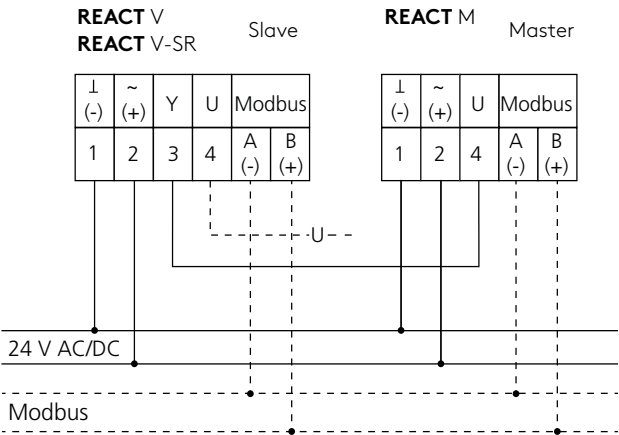
The air flow value from the measuring unit is sent analogously to the slave damper depending on minimum and maximum flow rate to maintain the balance with regard to other air flow.

Return of the current air flow via analogue actual value signal (U).
 Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT M (Master)	REACT V (Slave)
Vmin = Set value for min. actual value signal (0/2 V)	Vmin = Same as Master ± offset
Vmax = Set value for max. actual value signal (10 V)	Vmax = Same as Master ± offset
Mode = 0 (2)-10 V	Mode = Same as Master

Wiring diagram



Notes

Constant pressure regulation

Pressure measurement and damper regulation to maintain the set pressure.

Return of the current pressure via analogue actual value signal (U).

Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT P

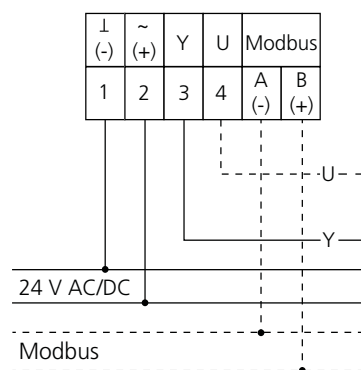
Pmin = Consistent pressure

Pmax = 0 Pa

Indicates "Test" on the display.

Wiring diagram

REACT P



Notes

Constant pressure regulation with external regulator

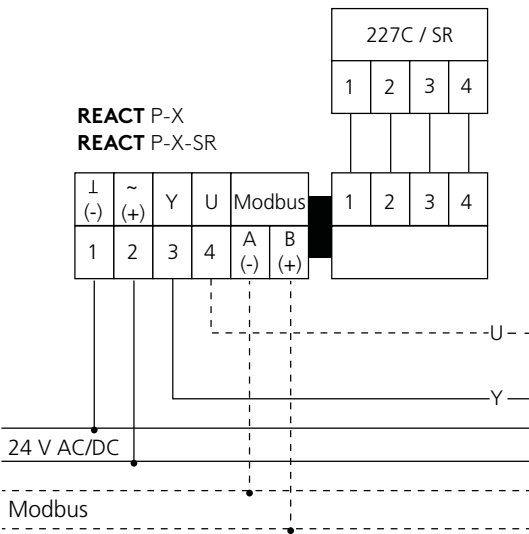
Pressure measurement and damper regulation with an external regulator to maintain the set pressure.

Return of the current pressure via analogue actual value signal (U).
Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

- REACT P-X
- Pmin = Consistent pressure
- Pmax = 0 Pa
- Indicates "Test" on the display.

Wiring diagram



Notes

Parallel controlled pressure regulation

Pressure measurement and regulating damper that variably regulates the duct pressure in parallel between min. and max. pressure depending on the control signal.

Demand control via analogue control signal (Y). Return of the current pressure via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

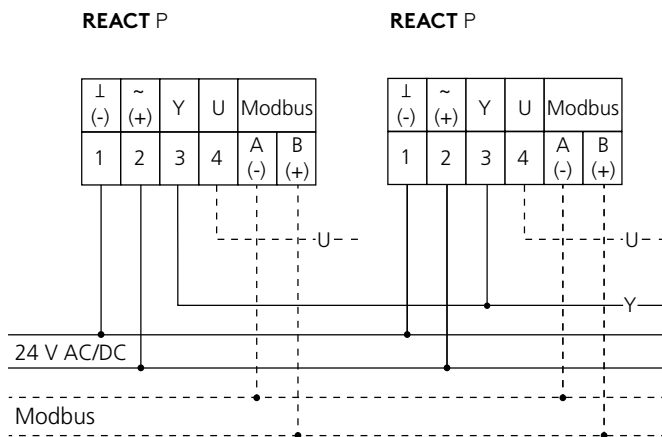
REACT P

Pmin = Min. pressure

Pmax = Max. pressure

Mode = 0 (2)-10 V

Wiring diagram



Notes

Parallel controlled pressure regulation with external regulator

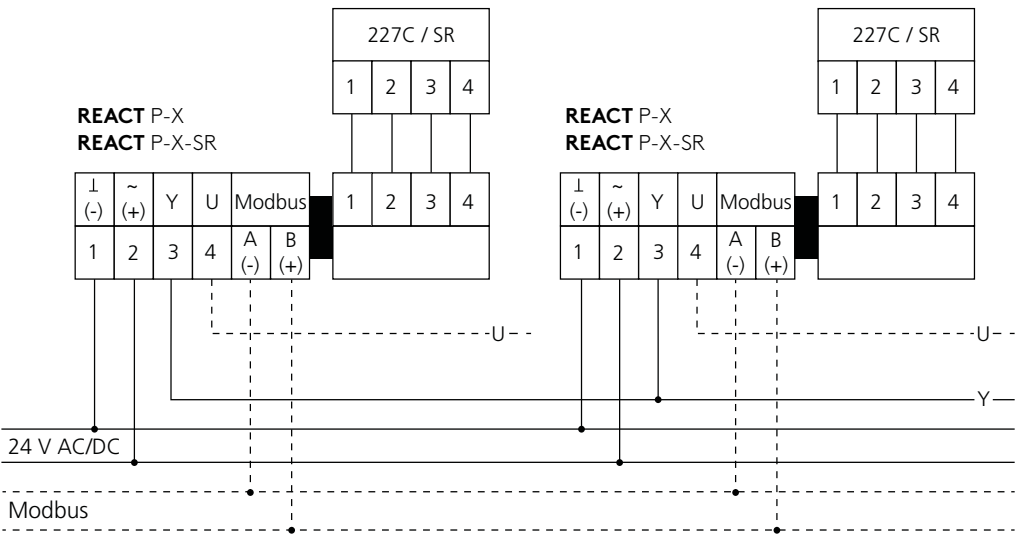
Pressure measurement and regulating dampers with external regulators that variably regulate the duct pressure in parallel between min. and max. pressure depending on the control signal.

Demand control via analogue control signal (Y). Return of the current pressure via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

- REACT P-X
- Pmin = Min. pressure
- Pmax = Max. pressure
- Mode = 0 (2)-10 V

Wiring diagram



Notes

Balanced pressure regulation

Pressure measurement and regulating dampers that variably regulate the duct pressure between min. and max. pressure depending on the control signal. The actual pressure value from the master damper is sent analogously to the slave damper to maintain the balance.

Demand control via analogue control signal (Y). Return of the current pressure via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT P (Master)

Pmin = Min. pressure

Pmax = Max. pressure

Mode = 0 (2)-10 V

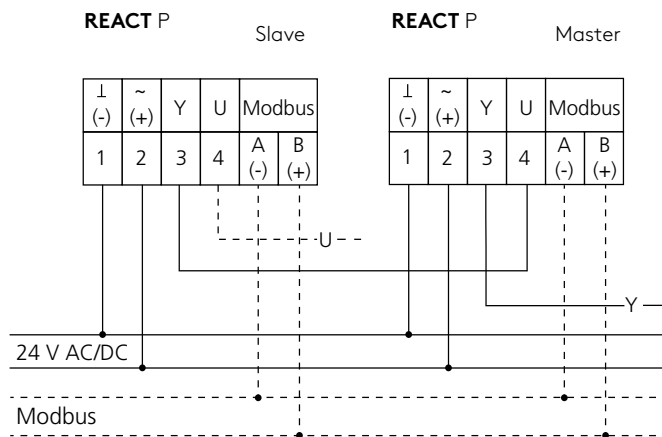
REACT P (Slave)

Pmin = 0

Pmax = 300

Mode = Same as Master

Wiring diagram



Notes

Balanced pressure regulation with external regulator

Pressure measurement and regulating dampers with external regulators that variably regulate the duct pressure between min. and max. pressure depending on the control signal. The actual pressure value from the master damper is sent analogously to the slave damper to maintain the balance.

Demand control via analogue control signal (Y). Return of the current pressure via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT P-X (Master)

Pmin = Min. pressure

Pmax = Max. pressure

Mode = 0 (2)-10 V

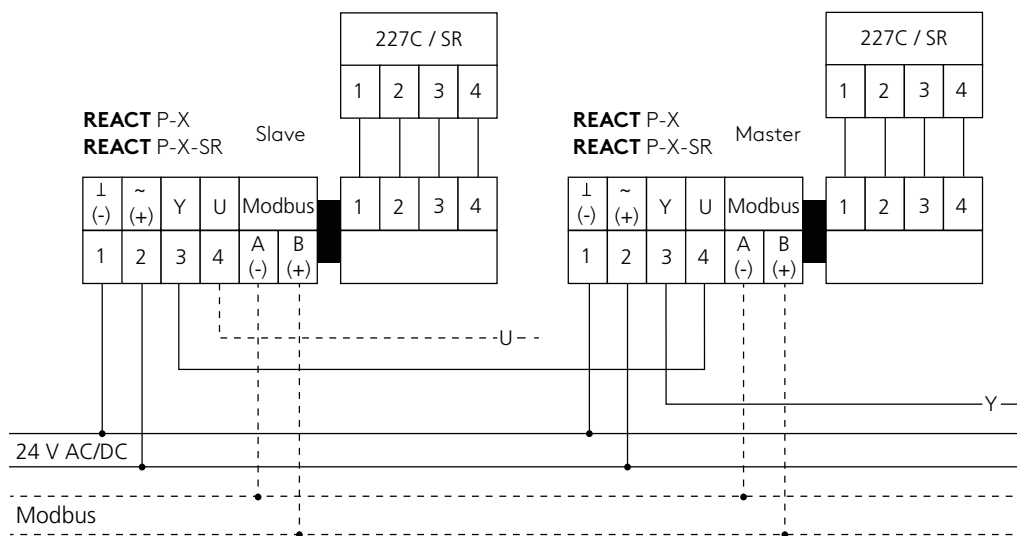
REACT P-X (Slave)

Pmin = 0

Pmax = 300

Mode = Same as Master

Wiring diagram



Notes

Constant pressure regulation and air flow measurement with slave-controlled air flow control

REACT P measures and regulates to maintain the set air pressure. The air flow value from REACT M is sent analogously to the slave damper REACT V. Depending on minimum and maximum flow rate to maintain the air flow balance with or without offset.

Return of the current pressure/air flow via analogue actual value signal (U).

Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT M (Master)

Vmin = Set value for min. actual value signal (0/2 V)

Vmax = Set value for max. actual value signal (10 V)

Mode = 0 (2)-10 V

REACT V (Slave)

Vmin = Same as Master $\pm$ offset

Vmax = Same as Master $\pm$ offset

Mode = Same as Master

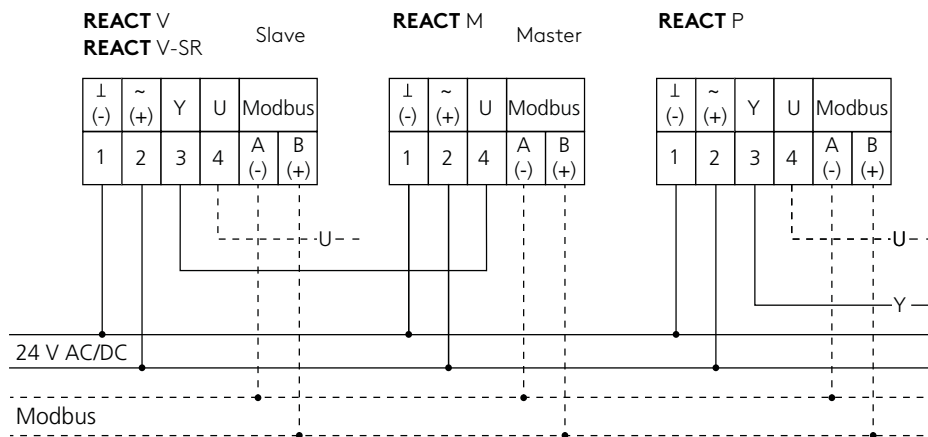
REACT P

Pmin = Consistent pressure

Pmax = 0 Pa

Indicates "Test" on the display.

Wiring diagram



Notes

Constant pressure regulation with external regulator and air flow measurement with slave-controlled air flow control

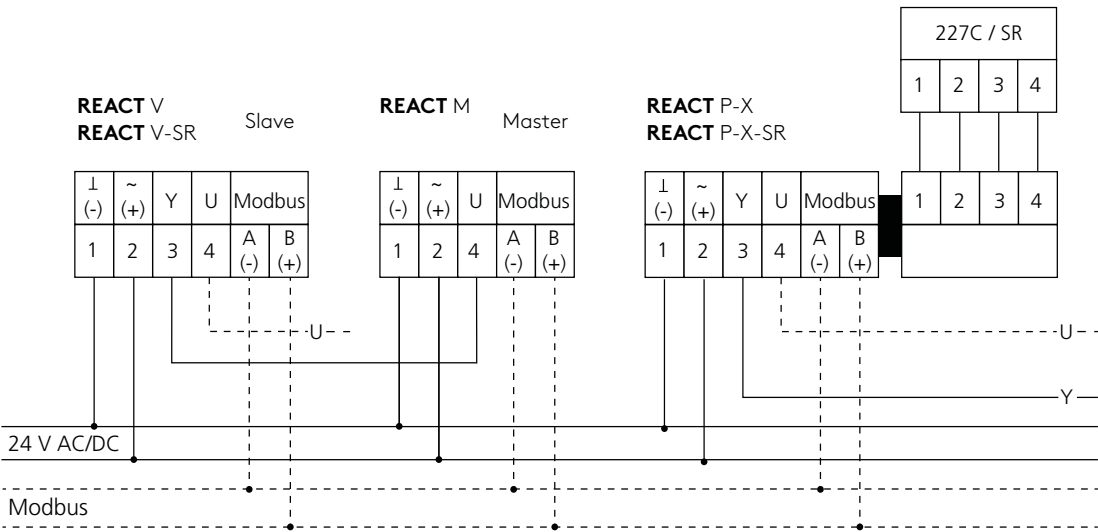
REACT P-X measures and regulates with an external regulator to maintain the set pressure. The air flow value from REACT M is sent analogously to the slave damper REACT V. Depending on minimum and maximum flow rate to maintain the air flow balance with or without offset.

Demand control via analogue control signal (Y). Return of the current pressure via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT M (Master)	REACT V (Slave)	REACT P-X
Vmin = Set value for min. actual value signal (0/2 V)	Vmin = Same as Master ± offset	Pmin = Consistent pressure
Vmax = Set value for max. actual value signal (10 V)	Vmax = Same as Master ± offset	Pmax = 0 Pa
Mode = 0 (2)-10 V	Mode = Same as Master	Indicates "Test" on the display.

Wiring diagram



Notes

Pressure regulation and air flow measurement with slave-controlled air flow control

REACT P measures and regulates variably between min. and max. pressure depending on the control signal. The air flow value from REACT M is sent analogously to the slave damper REACT V. Depending on minimum and maximum flow rate to maintain the air flow balance with or without offset.

Return of the current pressure/air flow via analogue actual value signal (U).

Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT M (Master)

Vmin = Set value for min. actual value signal (0/2 V)

Vmax = Set value for max. actual value signal (10 V)

Mode = 0 (2)-10 V

REACT V (Slave)

Vmin = Same as Master $\pm$ offset

Vmax = Same as Master $\pm$ offset

Mode = Same as Master

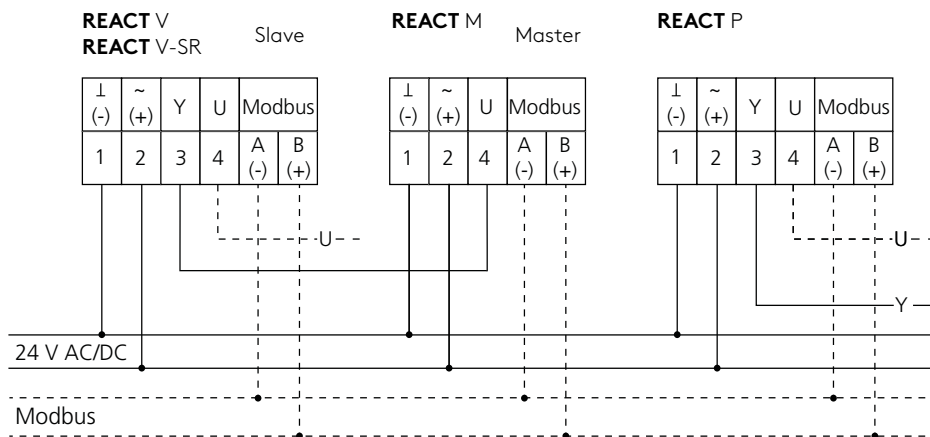
REACT P

Pmin = Min. pressure

Pmax = Max. pressure

Mode = 0 (2)-10 V

Wiring diagram



Notes

Pressure regulation with external regulator and air flow measurement with slave-controlled air flow control

REACT P-X measures and regulates with an external regulator variably between min. and max. pressure depending on the control signal. The air flow value from REACT M is sent analogously to the slave damper REACT V. Depending on minimum and maximum flow rate to maintain the air flow balance with or without offset.

Demand control via analogue control signal (Y). Return of the current pressure via analogue actual value signal (U). Possibility of Modbus control/communication or Modbus in combination with analogue signals.

Settings

REACT M (Master)

Vmin = Set value for min. actual value signal (0/2 V)

Vmax = Set value for max. actual value signal (10 V)

Mode = 0 (2)-10 V

REACT V (Slave)

Vmin = Same as Master $\pm$ offset

Vmax = Same as Master $\pm$ offset

Mode = Same as Master

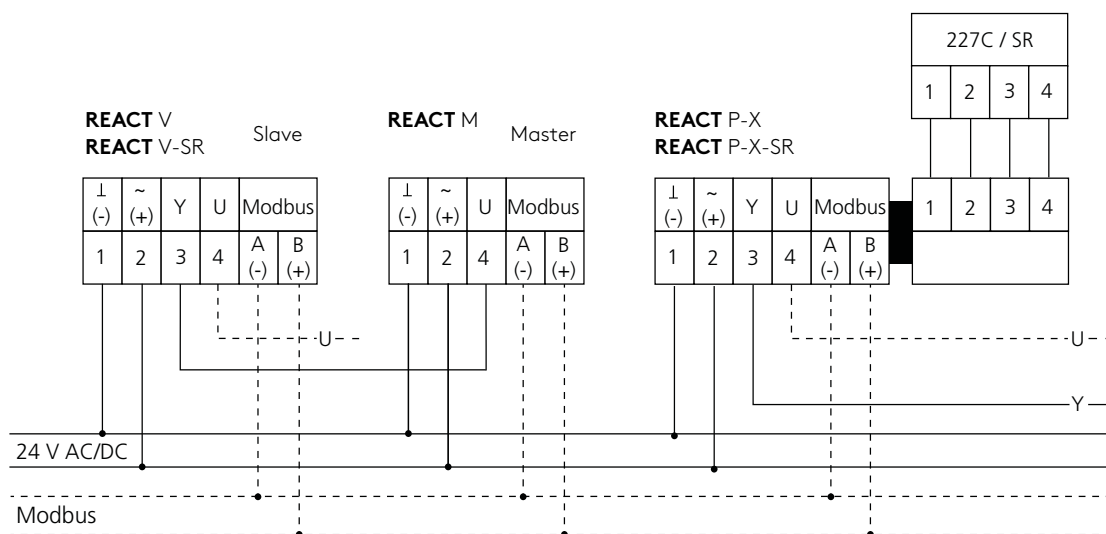
REACT P-X

Pmin = Min. pressure

Pmax = Max. pressure

Mode = 0 (2)-10 V

Wiring diagram



Notes

Feel good **inside**

