

Pressure sensor SPM-55

VARIABLE AIR VOLUME CONTROL VAV (C5, C6 AND C6M)

Unit supplies and exhausts the air volume correspondingly to the ventilation requirements in different premises. Because of frequently changing ventilation demands such air volume's maintenance mode signally reduces unit's exploitation costs.

VAV MANAGEMENT MODES:

- **Single flow control:** (needed one pressure sensor SPM-50). Single flow VAV control takes place under the pressure sensor, which is installed in the supply or exhaust duct (Master). Next air flow is controlled synchronously according to the first (Slave).
- **Two flow control:** (needed two pressure sensors SPM-50 or one SPM-55). Two flow VAV control mode regulates supply and exhaust air flow in accordance with the separate duct mounted pressure sensors. This management mode is relevant for regulating supply and exhaust air flows independently of each other.



Type	Parameters	Code
Pressure sensor SPM-55	• Supply voltage: 24 Vac / 24 Vdc $\pm 20\%$ • Pressure ranges: from 0..100 Pa to 0..5000 Pa • Analog outputs: 2x 0..10V / 2..10V / 0..20mA / 4..20mA • Relay output: 1x 230Vac 1A • RS-485 Modbus interface • Protection class: IP65 • Ambient operating temp: -25..+50 °C • Ambient humidity: 0..100 %RH, non-condensing • Dimensions: 90x88x42 mm	1111858