

TYPE COMPACT, STATIC



WITH SERVICE INTERFACE AND BUS COMMUNICATION FACILITY, FOR CONTAMINATED EXTRACT AIR OR FOR PRESSURE CONTROL

Compact component for VAV terminal units, especially for aggressive air or gases in extract air systems

- Controller, static differential pressure transducer and actuator are fitted together in one casing
- Volume flow rates V_{\min} and V_{\max} are factory set as parameters
- Ideal for carrying out service from the switch cabinet or control panel
- Change of parameters using adjustment devices
- Suitable for constant and variable volume flows as well as for V_{\min} / V_{\max} switching
- Bus communication is possible due to the Sauter SLC interface

Application

- Electronic volume flow controllers of Type Compact are compact, all-in-one control devices for VAV terminal units
- Static differential pressure transducer, electronic controller, and actuator are fitted together in one casing
- Suitable for different control tasks depending on how the input for the setpoint value signal is used
- The output signals (voltage signals or data points) of the room temperature controller, central BMS, air quality controller or similar units control variably control the volume flow
- Local override control by means of switches or relays
- Volume flow rate actual value is available as a linear voltage signal or data point

Parts and characteristics

- Sensor for static differential pressure measurements
- Mechanical stops for limiting the damper blade positions
- Actuators with overload protection
- Release button to allow for manual operation

TECHNICAL INFORMATION

Function

Variants, RS-485 (SLC, Sauter)

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