

SmokeESC SDC-3000

Pressure Controller for Fire Lobbies

Device description

The regulator controls the opening angle of the dampers so as to protect the escape routes against smoke. The SDC-3000 allows you to control and monitor up to 6 dampers. The IV BUS enables integration with the FSC-3000 controller. The IV Thrace algorithms implemented in the device allows it to be used in systems compliant with EN 12101-6 and EN 12101-13.

Features

Innovation Vent Thrace Algorithms

Innovation Vent Thrace algorithms have been implemented in the SDC-3000 which speeds up commissioning and allows the device to be used in systems compliant with EN 12101-6 and EN 12101-13.

Support for any building

Connecting up to 6 dampers and 4 operating modes allow you to use the SDC-3000 in any application.

The most accurate pressure measurement

Device uses 2 pressure sensors with a built-in temperature compensation mechanism guarantee a stable and accurate pressure reading without the need for periodic calibration.

Innovation Vent BUS

The IV BUS enables integration with the FSC-3000 regulator and control and testing of up to 24 SDC-3000 regulators from one place.

Technical parameters

PARAMETER	VALUE
Supply voltage	24 V DC
Power consumption	typ. 70 mA, $I_{MAX} < 200$ mA
Battery	CR2032
Communication	USB, IVBUS
Operating temperature	from -25 °C to +50 °C
Differential pressure measurement range	from -500.0 Pa to 500.0 Pa
Output signal	0 - 10 V DC
Enclosure protection rating	IP54
Dimensions	270x370x120 mm
Weight	1700 g

