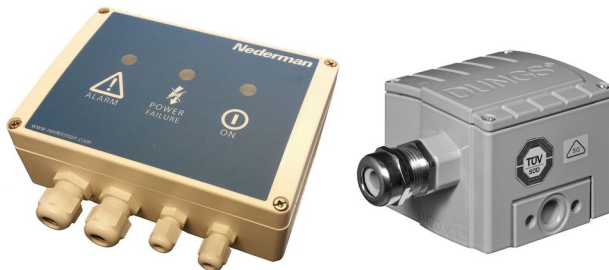


Airflow Alarm EX

For monitoring of the set airflow in a duct



The Airflow Alarm monitors pressure conditions in a duct. A pressure switch connected to the control box provides the signal input.

The Airflow Alarm is connected to the fan starter and automatically starts with the fan. An Alarm is triggered (Red LED light and relay terminal) when the air pressure in the duct is outside preset limits. The LED-lights are powerful enough to have good visibility at a distance. 2 independent terminals for power supply.

The pressure switch can be installed in ATEX zone 2 / 22, the control box shall not be installed in an ATEX zone.



The Airflow Alarm consists of control box, pressure switch, hose, inline filter, cable gland and battery.

- Assures optimal usage of system and secured functionality.
- Support the customer with their responsibility on air quality.
- Comply with Health and Safety legal requirements and recommendations.
- Continuous service and maintenance for prolonging system length of life.

Product name	Airflow Alarm EX
Protection class	IP54 for control box, IP65 pressure switch
Installation	[Indoor]
Ambient temperature range	0 - 50 C (32 F to 122 F)
Further technical data	Power supply: 85-230V AC, 50-60Hz Fuse: Max 13A Pressure switch: External contact < 100 Ohm 12 VDC out alarm: +12 VDC max 200 mA Pressure switch installation in ATEX zone 2 / 22
Dimensions	320 x 185 x 80 mm
Weight (kg)	1,5 + 0,7
Note	Temperature range - 15 < Ta < +70 Deg. C., Input separated by double isolation, Aluminium die casting casing, ATEX marking: II3G Ex nC IIB T6 Gc (Gas) II3D Ex tc IIIB T75°C Dc (Dust)



Airflow Alarm EX

[image]	Description	Capacity	[model]
	Airflow alarm EX 100	100 - 1 000 Pa	40780439*
	Airflow alarm EX 3000	3 000 - 15 000 Pa	40780441*

*Temperature range - 15 < Ta < +70 Deg. C., Input separated by double isolation, Aluminium die casting casing, ATEX marking: II3G Ex nC IIB T6 Gc (Gas)
II3D Ex tc IIIB T75°C Dc (Dust)

Airflow Alarm EX



Airflow alarm and pressure switch mounted

1) Pressure switch

2) Airflow Alarm