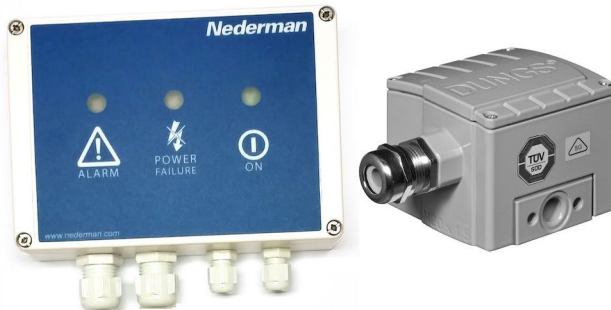# Airflow Alarm EX

Airflow Alarm is a product for continuous air flow system monitoring

The Airflow Alarm is connected to the fan starter, assuring that it automatically starts with the fan. It then monitors the pressure conditions in the duct during the operation.
When the air pressure is outside the preset limits, an alarm is triggered and an amber LED light is activated. The lights are powerful enough to have good visibility at a distance.

The Airflow Alarm consist of control box, pressure switch, hose, inline filter, cable gland and 9V battery.
The pressure switch can be installed in ATEX zone 2/22. The control box shall not be installed in an ATEX zone.

Installing this product in an extraction system:

- 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)

CE Ex

Airflow Alarm EX

Image	Description	Capacity	Model
	Airflow alarm EX 40	40 - 300 Pa	40780438*
	Airflow alarm EX 100	100 - 1 000 Pa	40780439*
	Airflow alarm EX 250	250 - 5 000 Pa	40780440*
	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

Airflow Alarm

Airflow Alarm is a product for continuous air flow system monitoring

The Airflow Alarm is connected to the fan starter, assuring that it automatically starts with the fan. It then monitors the pressure conditions in the duct during the operation.
When the air pressure is outside the preset limits, an alarm is triggered and an amber LED light is activated. The lights are powerful enough to have good visibility at a distance.

The Airflow Alarm consist of control box, pressure switch, hose, inline filter, cable gland and 9V battery.
There are models suitable for different pressure ranges as well as models adapted for EX installations.

Installing this product in an extraction system:

- 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
Protection class	IP54
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
Dimensions	320 x 185 x 80 mm
Weight (kg)	1,5 + 0,3
Note	Temperature range - 15 < Ta < +70 Deg. C., Input separated by double isolation

CE

Airflow Alarm

Image	Description	Capacity	Model
	Airflow alarm 40	40 - 300 Pa	40780434*
	Airflow alarm 100	100 - 1 000 Pa	40780435*
	Airflow alarm 250	250 - 5 000 Pa	40780436*
	Airflow alarm 3000	3 000 - 15 000 Pa	40780437*
	Nederman Airflow indicator 100-2000 pa	100-2000 Pa	67002312

Temperature range - 15 < Ta < +70 Deg. C., Input separated by double isolation

Airflow Alarm

	Accessory	Part No
	Alarm flashlight amber 24V AC/DC 2W	12374651

Airflow Alarm

Airflow alarm and pressure switch mounted

1) Pressure switch

2) Airflow Alarm