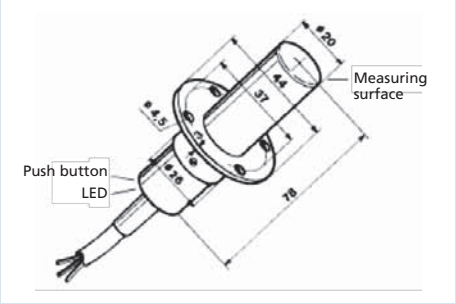
M2compact (DC)

Air flow monitor



Important note!

Please note that the operation of hot air blowers is only permissible pursuant to VDE 0100 when the air supply is monitored reliably.

Please observe the following excerpt from the VDE 0100, Part 420, DIN 57100, Section 6.1.1: "Blower-type heating systems must be erected in such a way that their heating units are not activated until the required air flow has been reached (does not apply to thermal storage heaters)."

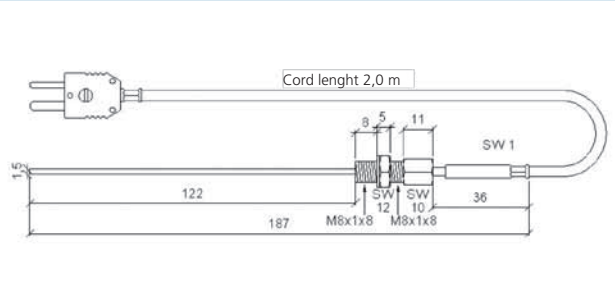
Technical data

Output	PNP shutter
Monitoring area	1–16 m/s
Default setting	3 m/s
Response time	2–10 s
Readiness delay	30 s
Operational voltage	24 V DC
Duration current carrying capacity	0–200 mA
Short circuit – overcurrent protection	yes

No-load current	< 40 mA
Voltage drop	< 2 V
Switching hysteresis	max. 15 %
Ambient temperature	–10 bis +60 °C
Type of protection	IP 67
Connection type	2 m cable
Function indicator	Duo-LED red/green
Housing material	plastic

One-piece sensor for monitoring aeriform and gaseous flows by means of integrated evaluation electronics. Due to its teach-in function, the calorimetric device ensures maintenance-free operation.

Temperature probe



Thermocouples type "K" are reliable and robust. With a sensor length of approx. 122 mm the probe can be positioned perfectly, even in inaccessible places.

The PTFE compensating cable has a standard length of 2,0 meters and is equipped with a miniature plug.

If an extension of the compensating cable is required, just let us know the required length.

The thermocouples correspond to DIN 60584, class 1.

You will only achieve optimal results when using the original accessories!

Subject to technical changes.