

## SL200100

### FLOW SENSORS • SENSORS FOR AIR

sensor air flow, Calorimetric, Ø20mm 76long, 24V DC, PNP NO (NO), Cable 2m PVC, Brass, Manual adjustment



#### MECHANICAL FEATURES

Cable length	2 m
Degree of protection (IP) of evaluation electronics	IP67
Degree of protection (IP) of measuring head	IP67
Depth	76 mm
Design	Cylinder plain
Housing material	Brass
Length	76 mm
Material of cable sheath	PVC
Measuring range of flow velocity with air	0.5 m/s ... 15 m/s
Number of cores	3
Sensor diameter	20 mm
Type of process connection	None

#### ELECTRICAL FEATURES

Adjustable responding value for flow for gases	0.5 m/s ... 15 m/s
Air conditioning / ventilation systems	+
Measuring principle of flow	Calorimetric
No-load current	70 mA
Operating voltage	24 V ... 24 V
Rated switching current	200 mA
Readiness delay	40 ms
Residual ripple	20 %
Response time	2000 ms
Reverse polarity protection	+
Setting procedure	Manual adjustment
Short-circuit protection	+
Type of electrical connection	Cable
Type of switching function	Normally open contact (NO)
Type of switching output	PNP
Voltage drop	2 V
Voltage type	DC
With LED display	+

## OTHER FEATURES

Suitable for gases	+
Suitable for liquids	-

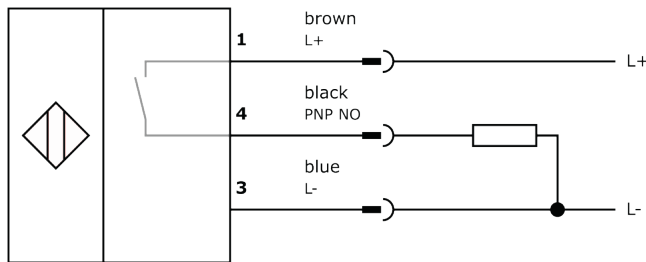
## Other

Packaging dimensions	76.0mm x 50mm x 121.0mm
Shipping weight	0.18kg
Tariff code	90268020

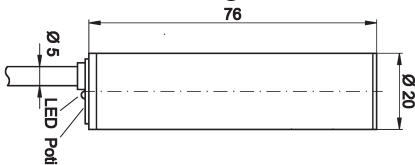
## Classification

ipf product group	300
eClass 8.0	27371815
eClass 9.0	27371815
eClass 9.1	27371815
ETIM-5.0	EC002580
ETIM-6.0	EC002580
ETIM-7.0	EC002580

## Connection



## Dimensional drawing



## Installation



Mounting / installation may only be carried out by a qualified electrician!

## Disposal



## Software

Any software, drivers or IODD files that may be required to operate your device can be downloaded free of charge from our homepage: [www.ipf-electronic.com](http://www.ipf-electronic.com)

## Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information. Never use these devices in applications where the safety of a person depends on their functionality. LED lighting systems can generate intensive UV radiation, which can damage your eyes in case of improper use. The manufacturer cannot be

held responsible for damages that result from improper use or connection.