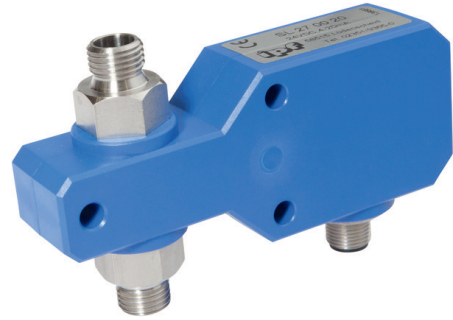


## SL270020

### FLOW SENSORS • SENSORS FOR AIR

sensor flow, Air, Calorimetric, 27x112x67mm, G1/4 inch, 24V DC, 4-20mA, Plug-in connection M12 4pin, PBT, Pressure resistance 20bar, Manual adjustment



#### MECHANICAL FEATURES

Degree of protection (IP) of evaluation electronics	IP67
Degree of protection (IP) of measuring head	IP67
Depth	112 mm
Design	Cuboid
Height	27 mm
Housing material	PBT
Length	112 mm
Measuring range of flow velocity with air	0.5 m/s ... 40 m/s
Medium temperature	80 °C ... 80 °C
Pressure resistance	20 bar
Sensing element material	Stainless steel 1.4571
Type of process connection	G1/4 inch
Width	67 mm

#### ELECTRICAL FEATURES

Adjustable responding value for flow for gases	0.5 m/s ... 40 m/s
Measuring principle of flow	Calorimetric
No-load current	50 mA
Number of pins	4
Operating voltage	24 V ... 24 V
Readiness delay	30 ms
Residual ripple	10 %
Response time	20000 ms
Reverse polarity protection	+
Setting procedure	Manual adjustment
Short-circuit protection	+
Type of analog output	4 mA ... 20 mA
Type of electrical connection	Plug-in connection M12
Voltage drop	2 V
Voltage type	DC
With LED display	+

## OTHER FEATURES

Consumption measurement	-
For pneumatic applications	+
Reference medium	Air
Suitable for gases	+
Suitable for liquids	-

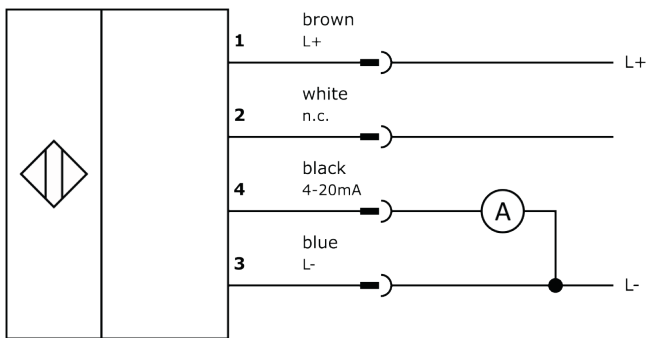
## Other

Packaging dimensions	99.0mm x 60mm x 160mm
Shipping weight	0.3kg
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



## 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.