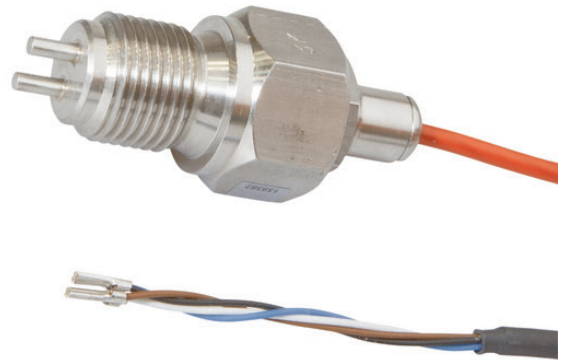


## SS90C327

### FLOW SENSORS • SENSORS FOR WATER

sensor flow, Calorimetric, G1/2 inch, Anschluss an Verstärker, Cable 2m, V4A, Pressure resistance 60bar



#### MECHANICAL FEATURES

Cable length	2 m
Degree of protection (IP) of evaluation electronics	IP67
Degree of protection (IP) of measuring head	IP67
Design	Cylinder, screw-thread
Housing material	Stainless steel 1.4571
Increased ambient temperatures > 80°C	+
Measuring range of flow velocity with water	0.01 m/s ... 3 m/s
Medium temperature	10 °C ... 160 °C
Number of cores	4
Pressure resistance	60 bar
Sensing element material	Stainless steel 1.4571
Thread length	31 mm
Type of process connection	G1/2 inch
Wire cross section	0.25 mm <sup>2</sup>

#### ELECTRICAL FEATURES

Adjustable responding value for flow for gases	1 m/s ... 40 m/s
Adjustable responding value for flow for liquids	0.01 m/s ... 3 m/s
Air conditioning / ventilation systems	+
Connection to amplifier	+
Max. line length	100 m
Measuring principle of flow	Calorimetric
Pressure resistance of measuring head	60 bar
Readiness delay	20 ms
Response time	20000 ms
Type of electrical connection	Cable

#### OTHER FEATURES

Cooling water circuits	+
For hydraulic applications	+
For pneumatic applications	+
Suitable for gases	+
Suitable for liquids	+

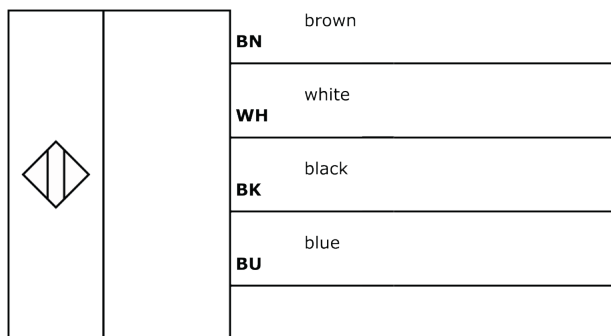
## Other

Packaging dimensions	124.0mm x 35.0mm x 149.0mm
Shipping weight	0.23kg
Tariff code	90261021

## Classification

ipf product group	700
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.