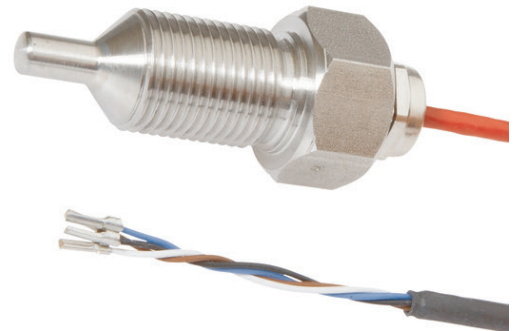


## SS906080

### FLOW SENSORS • SENSORS FOR WATER

sensor flow, Calorimetric, G1/2 inch, Anschluss an Verstärker, Cable 2m Teflon, V4A, Pressure resistance 100bar



#### 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 (V4A)  |
| Increased ambient temperatures > 80°C               | +                      |
| Material of cable sheath                            | Teflon                 |
| Measuring range of flow velocity with oil           | 0.03 m/s ... 3 m/s     |
| Measuring range of flow velocity with water         | 0.01 m/s ... 1.5 m/s   |
| Medium temperature                                  | 10 °C ... 120 °C       |
| Pressure resistance                                 | 100 bar                |
| Sensing element material                            | Stainless steel 1.4571 |
| Thread length                                       | 48 mm                  |
| Type of process connection                          | G1/2 inch              |

#### ELECTRICAL FEATURES

|  |                    |
|--|--------------------|
| Adjustable responding value for flow for liquids | 0.01 m/s ... 3 m/s |
| Connection to amplifier                          | +                  |
| Max. line length                                 | 100 m              |
| Measuring principle of flow                      | Calorimetric       |
| Pressure resistance of measuring head            | 100 bar            |
| Readiness delay                                  | 15 ms              |
| Response time                                    | 13000 ms           |
| Temperature setting                              | 20 °C ... 100 °C   |
| Turn-off delay                                   | 25 s               |
| Type of electrical connection                    | Cable              |

#### OTHER FEATURES

|                            |   |
|----------------------------|---|
| Cooling water circuits     | + |
| For hydraulic applications | + |
| Suitable for gases         | - |
| Suitable for liquids       | + |

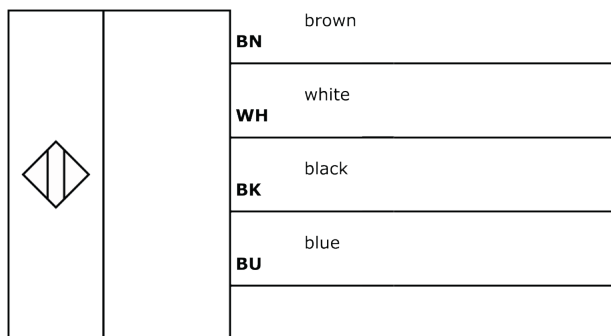
## Other

|                      |                            |
|----------------------|----------------------------|
| Packaging dimensions | 124.0mm x 35.0mm x 149.0mm |
| Shipping weight      | 0.25kg                     |
| Tariff code          | 90261021                   |

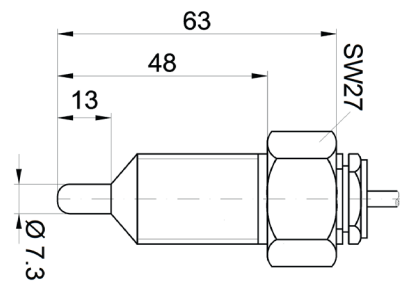
## Classification

|                   |          |
|-------------------|----------|
| 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.

