

## SM910021

### Flow sensors • Water consumption measurement

Flow sensor, water, magnetic-inductive, 72x68x68mm, G 3/4", 19-30V DC, push/pull programmable/configurable, 0/2-10V / 0/4-20mA, M12-connector 4pin, stainless steel 1.4404, pressure resistance 16bar, 0,2-50l/min



If an electrically conductive liquid moves across a magnetic field, a voltage is generated vertically to this magnetic field which is dependent on the flow velocity. This voltage is measured by electrodes located in the wall of the measuring tube. Micro-controllers evaluate this voltage, calculate the flow rate and show it on the display. An analog signal and a transistor switching output are available for further processing.

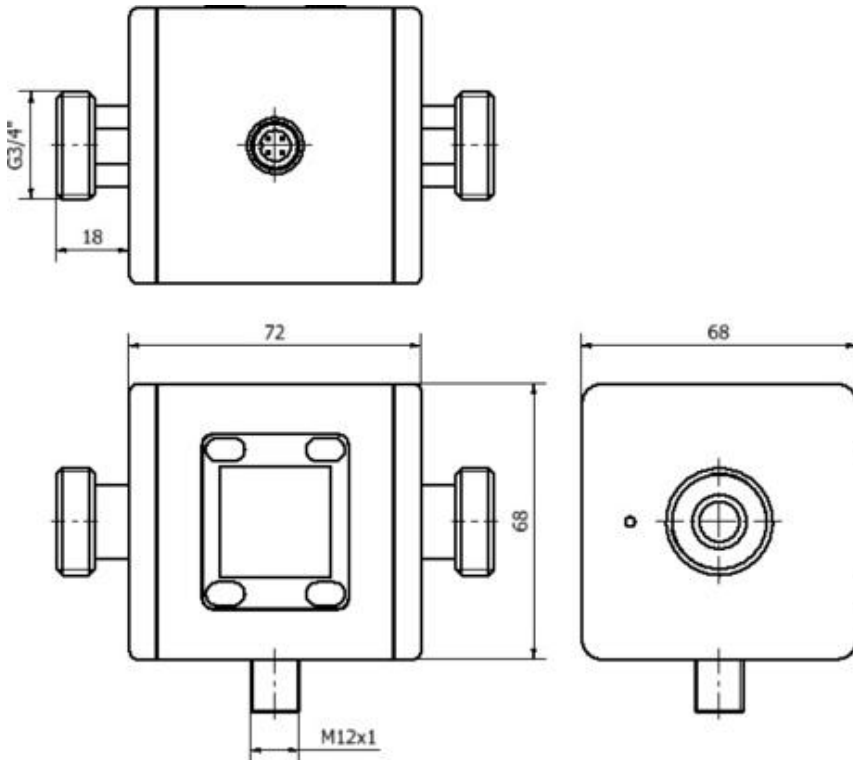
#### Classification

ETIM 8	EC002580 Flow monitoring device
eClass 7.0	27371815
eClass 7.1	27371815
eClass 8.0	27371815
eClass 9.0	27371815
eClass 9.1	27371815

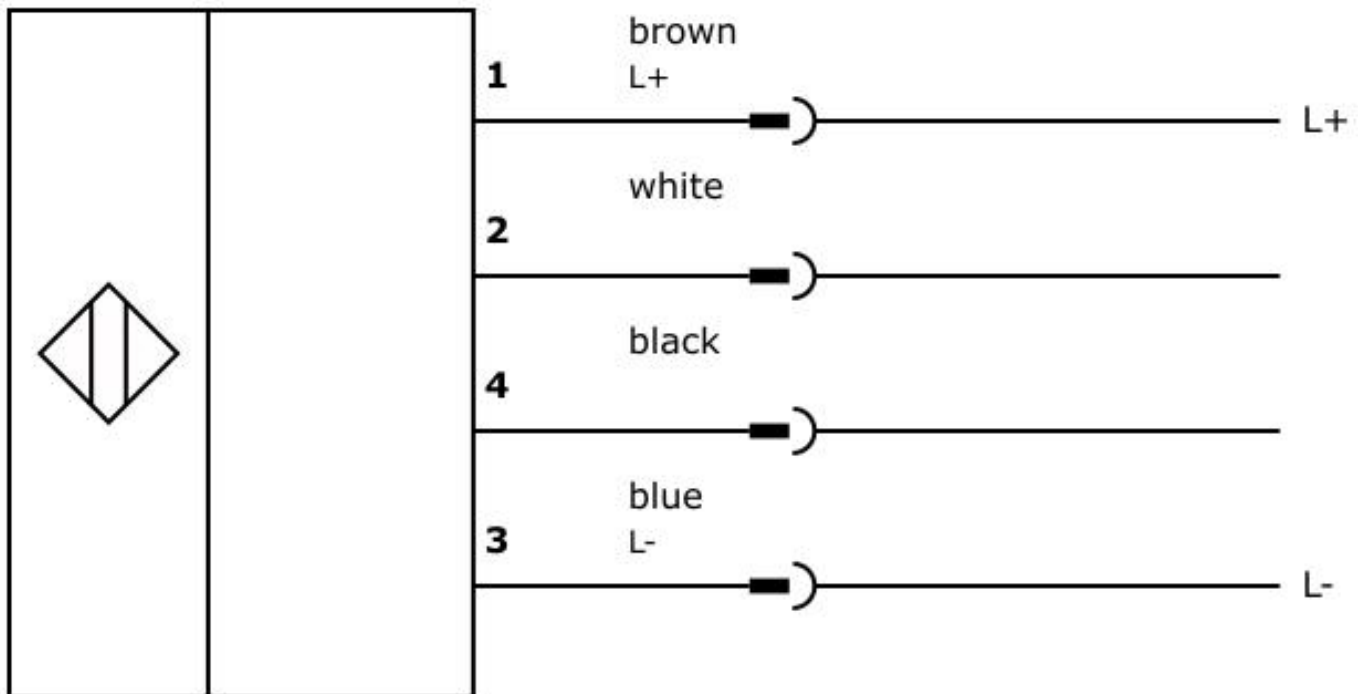
#### More

IPF Product Group	300 flow sensors
packaging dimensions	210 x 138 x 95 mm
gross weight	1227 g
Customs tariff number	90261021
WEEE number	40951076

**Dimensional drawing**



**Connection**



**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.

For suitable connection and mounting accessories, please refer to our website [www.ipf-electronic.com](http://www.ipf-electronic.com).