

SL204100**FLOW SENSORS • SENSORS FOR AIR**

The function of the flow sensor is based on the calorimetric principle. The probe is heated up from the inside a few degrees Celsius in relation to the flow medium, in which it protrudes. When the medium flows, the heat generated in the probe is dissipated through the medium. The temperature within the sensor is measured and compared with the likewise measured medium temperature. From the obtained temperature difference the flow state of each medium can be derived. These sensors are applied in areas such as monitoring of cooling systems, ventilation systems, pump dry running by checking the presence of liquid or gas flows.

**MECHANICAL DATA**

Cable length	2 m
Depth	86 mm
Housing design	Cylinder plain
Housing material	Plastic
Type of process connection	None

ELECTRICAL DATA

IO-Link compatible	No
Measuring principle of flow	Calorimetric
Operating voltage	230 V ... 230 V
Switching current	300 A
Turn-off delay	7 s
Type of electrical connection	Cable
Type of switching function	Normally open contact (NO)
Voltage type	AC

OTHER DATA

Suitable for gases	No
Suitable for liquids	No

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!