

# JUMO PINOS L02

## Calorimetric flow sensor



### Perfection in flow

- For liquids
- Measuring range: 0 to 3.0 m/s (nominal pressure up to 75 bar)
- Simple mounting that does not require a defined direction (360°)
- Flow sensor with analog output 4 to 20 mA and/or with a switching output possible
- Additional temperature output
- Easy to set up using the setup program via micro USB interface
- Durable version with protection type IP65/IP67



## Brief overview

The JUMO PINOS L02 flow sensor, designed for liquids, functions according to the calorimetric measuring principle so that it does not require any wear-prone mechanical parts. The device is available as a flow sensor with analog output or as a flow switch with switching output. The configuration of the sensors is done using an easy-to-use setup program via micro USB interface. A switching point can be set on-site using a push-button on the user interface. The push-button can be used for flow calibration if the process requirements do not correspond to the default settings.

## Device configuration on a PC



## Technical data

Designation	JUMO PINOS L02
Data sheet	406041
Measurement medium	Liquids
Measuring range	0 to 3.0 m/s
Max. nominal pressure	75 bar
Measuring accuracy	8 % from measuring range end value
Response time	4 to 10 s
Output signal	Current output 4 to 20 mA and/or switching output
Medium temperature	-25 to +90 °C
Ambient temperature	-25 to +70 °C
Protection type	IP65/IP67
Material	Housing: Plastic (PA) Process connection: Stainless steel 1.4404, 1.4571
Voltage supply	DC 24 V ± 10 %
Accessories	Setup program

## Special features

- Different fittings for process-reliable installation
- Mounting that does not require a defined direction (360°)
- Robust construction for difficult environmental conditions

## Application areas

Monitoring of pumps, compressors, heat exchangers, as well as cooling and lubricant circuits; leakage monitoring of process lines and dry-run protection for pumps.