



More than **sensors + automation**

# 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



Type 406041

## 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

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