Mass flow meter - EvaKit OOL Module V1.2.1



OOL mass flow meter for flow monitoring and leakage detection of various liquids.

Accurate, robust and ready-to-use: The compact and corrosion-resistant module is suitable for flow monitoring and leakage detection. An adjustable heating setting (per I2C command) allows to achieve leackage level (ml/h) flow detection with various liquids incl. lubrication and cooling liquids, gear and hydraulic oil, water and cleaning liquids.

Product Name: EvaKit OOL Module V1.2.1
Housing dimensions: 30 x 90 x 36 mm
Housing material: Aluminum
Fluidic connection: Tubing with 4 mm inner diameter
Flow channel inner dimensions: Ø 3.7 mm
Flow channel length: 80 mm
Wetted materials: Stainless Steel 1.4301
Response time t63: 0.5 s

Weight: 140 g
Supply voltage: 10 ... 26V DC
Output signal: Digital output I2C 3.3V; Mass flow in kg/h, Heater Power in mW, Media temperature and Temperature of micro controller in °C
Accuracy: < 3 % f.s.
Repeatability: < 0.3 % f.s.
Calibration range: 0.1 - 20 kg/h (pre-calibrated for DI-water)
Product code: 153331

Product details

Product description of EvaKit OOL Flow module

Accurate, robust and ready-to-use: The compact and corrosion-resistant module is suitable for flow monitoring and leakage detection of various liquids.

Suitable for a wide variety of applications from cooling circuits, dosing pumps, white goods, CIP systems for food industry, agricultural machines, industrial wet vacuum cleaners, to gear oil supply machines used in metalworking and mining.

This thermal flow module allows continuous monitor systems responsible for temperature control, pumping, filling or leakage detection. Industrial applications include process control (coolants, lubricants, cleaning solutions), as well as dosing systems (food, life science, agriculture, white goods). A wide dynamic range with high sensitivity at low flowrates make IST`s OOL flow module suitable also for drip detection, including water leakage early warning systems.

Quality

Consistent with the well-known, high-quality standards in Switzerland, iST is certified according to ISO 9001:2015 (quality) and ISO 14001:2015 (environment). Appropriate processes are part of our daily work. They are regularly audited and extended parallel to the growth of our company.

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Quantity (pieces)	Price (per piece)
1-5	CHF 355.35

Stock: **2**