



econ flow –

Compressed air sensor

for efficient energy management

The econ flow is a powerful sensor for the precise and reliable measurement of compressed air and technical gases. The recorded data is processed in the econ4 energy management software.

Just like our other hardware components, the econ flow compressed air sensor works plug & play. This means that it integrates directly into your existing infrastructure.

A product for:

- Capturing compressed air and technical gases
- The use in buildings, on machines and systems for industry and commerce, in hospitals and many more

Compressed air measurement made easy

Our compressed air sensor is the ideal solution for companies that want to make their compressed air systems more efficient and cost-effective. Thanks to plug & play integration into the econ4 energy management software, installing the sensor is easy and requires no special knowledge.

You can integrate the sensor into your system in just a few minutes and benefit from the advantages of precise monitoring of compressed air and technical gases.

The integrated display offers intuitive monitoring of your compressed air systems and allows you to display 2 values simultaneously. The different sensor sizes available make it easy to select the right model for your specific requirements.

Our econ flow is a cost-effective solution that helps you to reduce your energy consumption and lower your operating costs.

Our solutions – our „econ flows“



econ flow



econ flow with installation sleeve



Our tip for mobile leak detection: our econ leak detector!

econ flow

Versions, extension modules and accessories

| Product | Description | Item no. |
|---|---|------------------|
|  | <p>econ flow</p> <ul style="list-style-type: none"> Consumption meters for compressed air and gases with thread or flange 4-20 mA output for instantaneous consumption Pulse output for total consumption, galvanically isolated and RS485 interface for Modbus RTU Integrated display for the indication of 2 values High measuring accuracy due to defined measuring distance | |
| | econ flow 1/4", DN8 (VA520) | EC246598 |
| | econ flow 1/2", DN15 (VA520) | EC246599 |
| | econ flow 3/4", DN20 (VA520) | EC246620 |
| | econ flow 1", DN25 (VA520) | EC246621 |
| | econ flow 1 1/4", DN32 (VA520) | EC246622 |
| | econ flow 1 1/2", DN40 (VA520) | EC246623 |
| | econ flow 2", DN50 (VA520) | EC246624 |
|  | <p>econ flow with RS485 (VA500) incl. display</p> <ul style="list-style-type: none"> Can be used from 1/2" DN15 to 40" DN1000 Pulse output for total consumption, galvanically isolated and RS485 interface for Modbus RTU Simple installation of the consumption probe with installation sleeve via a standard 1/2" ball valve (also under pressure) | EC249444 |
|  | <p>econ IAC 500 sensor for ambient conditions</p> <ul style="list-style-type: none"> 3 in 1 sensor: absolute pressure, temperature, relative humidity in the room Integrated display 4..20 mA analog output (not galvanically isolated) Alarm relay (max. 60 VDC; 0.5 A) - Limit value adjustable via buttons Modbus-RTU (RS485) interface Wall mount included | EC2501287 |