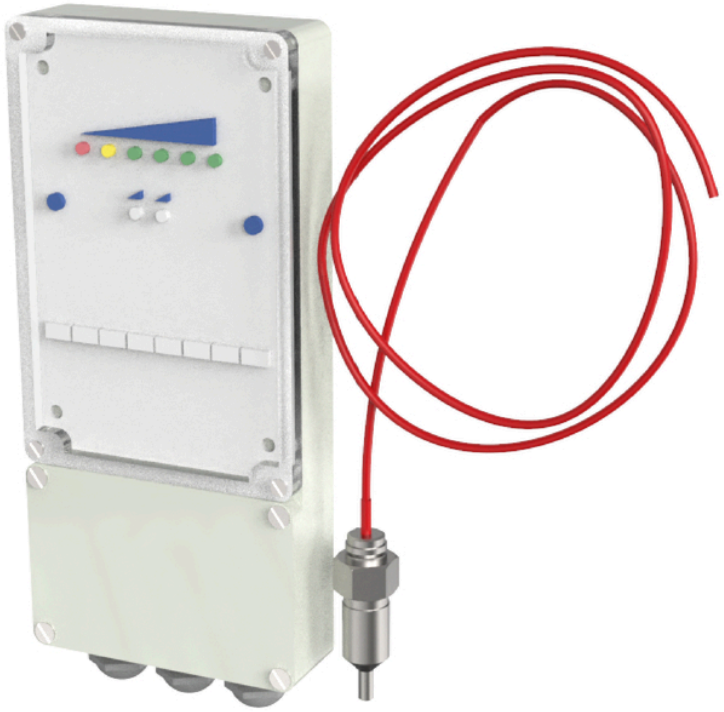
Flow switch AT 8316-



Product information

As a monitor of flows in water, oil, and air, one should, for example, interrupt the energy supply to a boiler if the minimum intended water flow is not met. It can also be used as a guard in sprinkler systems when it is triggered and the flow increases, through its reverse function. For help with dimensioning please use: VARMBER

PN	100
Temperature (°C)	0 - 120
Main material	Steel

Area of use

As a monitor of flows in water, oil, and air, one should, for example, interrupt the energy supply to a boiler if the minimum intended water flow is not met. It can also be used in reverse function as a guard in sprinkler systems when it is triggered and the flow increases.

Tender text

PSG.2 Safety devices
Flow monitor AT 8316-15 complete with sensor and 5 m heat-resistant PTFE cable.

Quality assurance

According to AFS 2002:1 and VVA 1993, a boiler (excluding zero-flow boilers) in a heating system that is intended for periodic monitoring must be equipped with a flow switch.
Product marking: Is marked with required connection data, supplier, and article number.

Energy and environment declaration

Reach date: 3/3/2026 8:08:00 AM

Pos	Component	Material

Function and design

Works according to thermal principle. In the sensor part, there are two temperature sensing sensors. One of these is heated by an electric element, so that its temperature is always slightly higher than the other sensor, which always has the same temperature as the medium. This creates a temperature difference between the sensors, which is greatest at zero flow, and then decreases with the flow rate of the medium. The varying temperature difference is converted and amplified in the electronic part into signals that affect the LED scale in relation to the detected flow rate.

Application: Water

Technical data

Main material: Steel
Included materials: Steel
Material note: Stainless Steel SS 316.
PTFE cable.
Temperature (°C): 0 - 120
PN: 100
IP classification: IP65
ProductColourAndColourNote: .

Installation and maintenance

Possible mounting position: Vertical, Horizontal
Possible mounting position notes: The transmitter can be mounted from the top, side or bottom as desired. However, it is important that the entire measuring tip comes into contact with the medium.
The transmitter can be mounted from the top, side or bottom as desired. However, it is important that the entire measuring tip comes into contact with the medium. Once the system is started and flow is present, the alarm point is set by adjusting the "Coarse" and "Fine" settings. Using the LEDs, it is then possible to set the desired alarm flow. To avoid false alarms due to temporary flow variations, a time delay can be added by turning the right port marked "Time Delay" clockwise to the desired time in seconds. As a completely separate function, there is also a temperature monitor with a separate relay output built in. This can be used when temperature monitoring is required.
For safe operation and function, a functional test should be performed at least once a year.

The company's management system
is certified by DNV
ISO 9001 • ISO 14001

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