

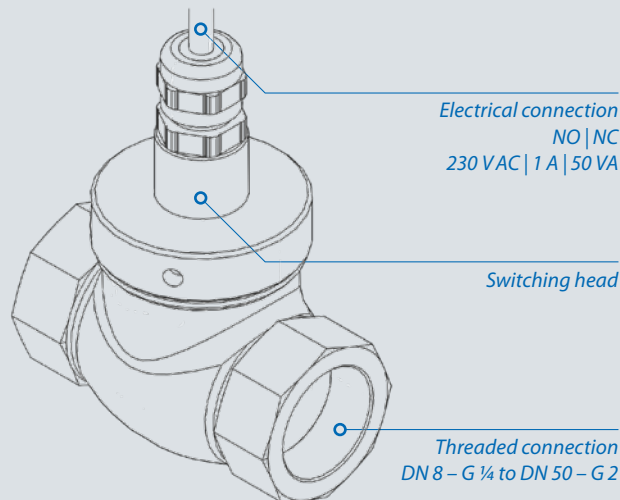
## For reliable flow monitoring.

Robust, reliable, safe.

The flow switch FF comes in various housing sizes from DN 8 to DN 50 and is used for industrial high-pressure cleaning technology, e.g. with industrial washing machines, car washes and in refrigeration technology or hydraulic applications.

### Your benefits at a glance

- The switching value adjusted at the factory requires hardly any changes
- High security with high switching value repetition accuracy
- Flexibly adjustable on the pressure side in the system
- With wide switching value spectrum from 0.4 l/min to 150 l/min for an extensive range
- Low costs, because it is dirt-resistant and low-maintenance



## Contact information.

Our customer service.

For all questions relating to our flow switch FF and flow measurement, our customer service is ready to help you personally.



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# HONSBERG

Member of GHM GROUP

## Flow switch FF.

For increased system safety.

INDUSTRIAL SENSORS  
FLOW

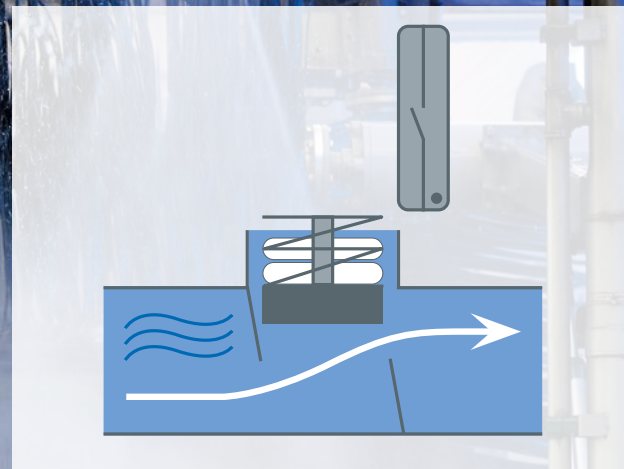


**NEW:** from DN 8 and  
0.4 l/min switching value





Available starting from DN 8 with a switching value from 0.4 l/min



*With the piston design, the volume flow is forced against a piston equipped with a magnet and actuates a hermetically isolated Reed switch, by means of which an electrical signal is issued.*

## Piston valve seat design.

Compact, space-saving design.

The simple mechanical operating principle of the piston valve seat design is space-saving and can be used and installed especially economically for high unit counts. The design of the flow meter FF is practically maintenance free in all applications. The volume flow raises a piston (fitted with a magnet) out from a valve seat against a spring force. The stroke causes a change in the magnetic field, wherein a hermetically isolated Reed switch is actuated and an electrical signal is generated. With spring-assisted stabilisation of the piston, use in all installation positions is possible.

### Fast and precise

You benefit from a fast reaction  $< 100$  ms and a high switching value repeat accuracy  $> 1,000,000$  switches. With an average switching frequency of 30 switches per hour, a usage duration of 30,000 operating hours is provided. The ideal flow switch with low pressure loss in order to guarantee reliable operation of your application.

### Robust, long-lasting, low-maintenance

With use in process water in industrial systems, frequent contamination situations arise due to sediments and other ordinary content in the water. Therefore, filtration is a recommended design feature. The flow switch FF enables horizontal flow through the housing, wherein the vertical functional design is highly resistant to water contaminants.

As a result, the filtration efficiency of the overall system is supported and you benefit from additional safety and functional reliability in your application.

### Fixed switching value: individual and tamper-proof

You order, we adjust. With the benefit of assurance that your application runs exactly the way you want it to. Individual and tamper-proof. With the FF flow monitor, there is no switching value drift in your application. This is an indispensable advantage for flow monitoring for heat exchangers in cleaning technology applications with hot water systems and fulfils the applicable specifications for system operation. Good for you – and for those who use your system.