FLOW MEASURMENT

WITH PADDLE TYPE FLOW SWITCH



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Introductions

The Flow Switch model FS-100 electromechanical flow switch is designed for the detection of interrupted flow (“no flow”) of water and other corrosive and non-corrosive liquids in industrial pipes and pipelines.
The flow switch signal is used for operational controls that prevent system failure. The cost-effective flow switch is enclosed by a plastic case.
The model FS-100 is equipped with UL-listed microswitches and protective with magnetic coopling to ensure high durability with continuous operation and a long service life.
The range of flow ranges, with pipe sizes from 25 ... 1500 mm (1 ... 60 in.), enables use for flow measurement in a variety of applications with critical and non-critical media.

Applications

- Industrial coolers and heaters or piping and pipelines
- For gaseous and liquid aggressive media that are not crystallizing, also in aggressive environments.
- Process industry: oil and gas, chemical and petrochemical industries, power generation, water and wastewater, steel industries

Specification

Basic Information:
Liquids, gases and saturated steam

Line sizes :
2“ to 60“ (DN 50 to DN 1500)

Connection:
Horizontal and vertical pipe mounting
Flanged: 1 1/2” ~ 4” inch
Rating : 150# - 1500#

Case Material:
Aluminum, Stainless steel 304, 316

Body/Paddle Material:
Stainless steel 316 (NACE)
Other

Switch function:
- 1 x SPDT (Reed Type)
- 2 x SPDT (Reed Type)
- 1 x SPDT (Snap Action)
- 2 x SPDT (Snap Action)

Switch Rating:
- 24 V 5A
- 250 V 5A
- 125 V 0.5A
- 250 V0.25 A

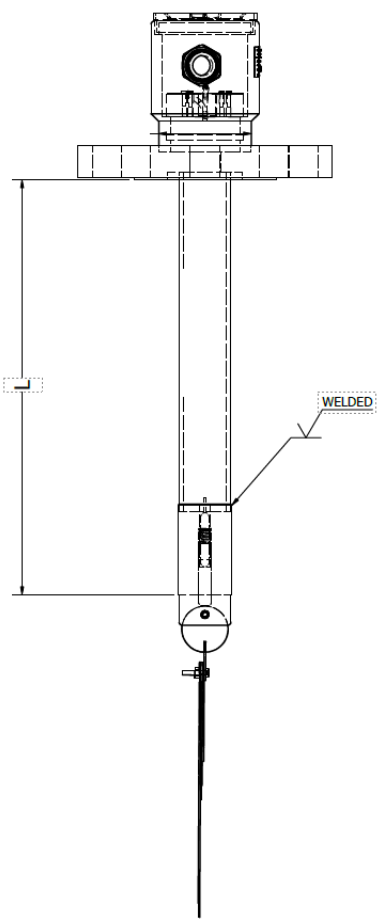
Electrical connection:
- ISO M20x1.5 Screw
- Gland M20
- Gland M16

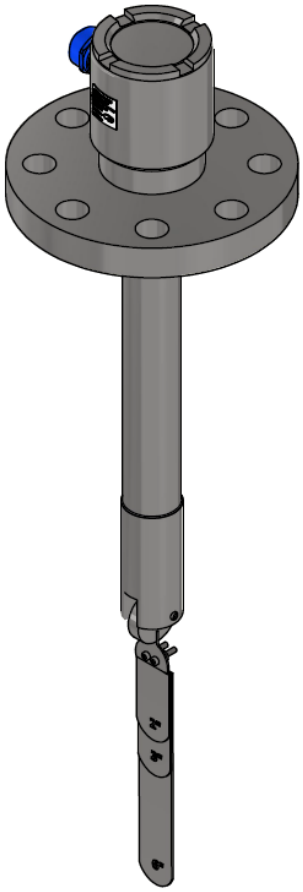
Ingress protection : IP65/IP66

Maximum pressure:
100 Bar @ 45 °C

Maximum temperature:
-20 … 80 °C

Insertion Length (L):
100 … 1000 mm





Ordering Information

Please check the order code in our website. (Click here).

Contact us

Instrumentation manufacturer & designer

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