



FLOW MEASUREMENT

WITH PADDLE TYPE FLOW SWITCH





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 coupling 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 V 0.25 A

Electrical connection:

- ISO M20x1.5 Screw
- Gland M20
- Gland M16

Ingress protection : IP65/IP66

Maximum pressure:

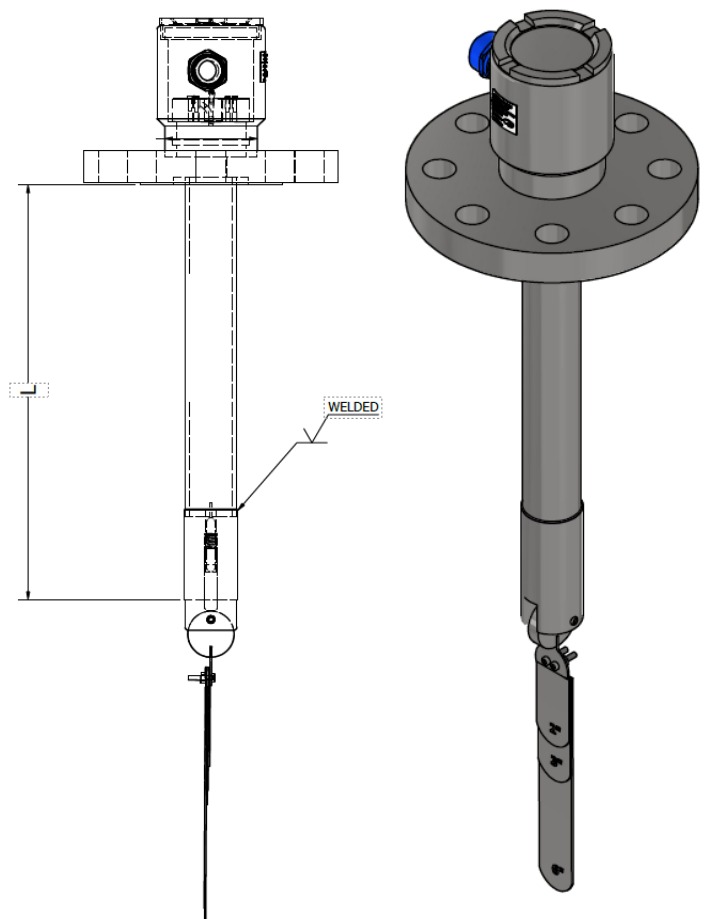
100 Bar @ 45 °C

Maximum temperature:

-20 ... 80 °C

Insertion Length (L):

100 ... 1000 mm





Contact us

**Instrumentation
manufacturer
& designer**

Tel : 021-46069694

Aramakco.com

Info@aramakco.com

Sales@aramakco.com