

Liquid Flow Sensors & Magnetic Flow Switches (FM / FS Series)

Hall-Effect Turbine Flow Meters (FM) & Magnetic Piston / Paddle Flow Switches (FS)

Product Overview

Misensor FM Series Hall-effect turbine flow sensors provide accurate square-wave pulse frequency proportional to liquid flow rate, while FS Series magnetic piston and paddle flow switches provide reliable NO/NC contact actuation when flow exceeds or drops below a preset threshold.

Key Features

- FM Series: Hall-effect pulse output, 0.5-150 L/min...
- FS Series: Hermetically sealed reed switch (10W / ...
- Available in Brass, SUS304 Stainless Steel, PPO & ...
- Standard G1/4", G3/8", G1/2", G3/4", G1" & G1.5" t...
- Low pressure drop, high repeatability & food-grade...

Typical Applications

- Gas & electric tankless water heaters and wall-hun...
- Industrial laser chillers, HVAC cooling loops & he...
- Coffee machines, water purifiers, RO systems & sma...

Technical Specifications & Model Selection

Model	Type	Body Material	Thread Connection	Flow Range / Setpoint	Output / Contact	Max Pressure
FM-01	Turbine Flow Sensor	PPO / POM (Food Gr..	G1/2" / Quick Fit	1.0-30 L/min	NPN Pulse (4.5-24V..	1.2 MPa
FM-03 (6060)	Turbine Flow Sensor	Brass / SUS304	G3/4" Male	1.5-50 L/min	NPN Pulse (4.5-24V..	1.75 MPa
FM-4040	Turbine Flow Sensor	PPO / Brass	G1/2" Male	1.0-30 L/min	NPN Pulse + NTC Temp	1.5 MPa
FM4084	High-Flow Turbine	SUS304 Stainless	G1.5" Male	9.0-150 L/min	Pulse (F = 0.7Q - ..	1.6 MPa
FS01 / FS02	Piston Flow Switch	PPO / Brass / SUS304	G1/2" / G3/4"	0.8-3.0 L/min Turn..	Reed Switch 10W / ..	1.2 MPa
FS-1515CL / 4040CL	Magnetic Flow Switch	Brass / SUS304	G1/2" Female/Male	1.0-2.5 L/min Turn..	Reed Switch 50W / ..	1.5 MPa
FS-2020-HZ	Stainless Flow Swi..	SUS304 Stainless	G3/4" Male	1.5-30 L/min	Reed Switch / Hall	1.6 MPa
FS-DN	Paddle Flow Switch	Brass / SUS304	DN15-DN50	Adjustable Setpoint	Reed Switch 70W	1.6 MPa