

Stainless Steel Water Flow Switch (FS-4040CL Series)

Model: FS-4040CL / FS Series

Product Overview

Heavy-duty SUS304 / SUS316L stainless steel magnetic piston flow switches for industrial cooling loops, heat pumps, laser chillers, and water treatment.

Key Features

- All-stainless steel wetted body resistant to aggressive water and chemicals
- Magnetic piston mechanism with hermetically sealed dry reed switch
- Preset trigger flow rates from 0.5 L/min up to 10 L/min
- High working pressure capability up to 5.0 MPa (50 bar)
- Low pressure drop design with bi-directional installation capability

Typical Applications

- Automotive & Commercial Vehicles
- Industrial Machinery & Automation
- Electric Vehicles (EV & FCEV)
- Safety Interlocks & Control Systems

Technical Specifications

Parameter	Specification / Technical Value
Pipe Connection	G1/2", G3/4", G1" Male/Female thread
Body Material	SUS304 / SUS316L Stainless Steel
Switching Capacity	70W / 250V AC / 1.0A
Max Pressure	5.0 MPa (50 bar)
Operating Temp	-20°C to +120°C
Protection Class	IP65