

Datasheet

RS Pro Flow Switch for Low Flows



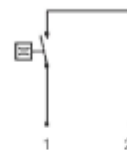
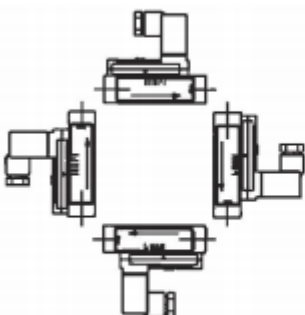
- For liquids and gases up to 300 bar
- Flow from 40 ml/min. to 3 l/min. water
- Wetted parts in nickel-plated brass or stainless steel

Range of Applications

The RS Pro mechanical flow switch has been specially designed for low flows. It is often used to monitor flows in measuring equipment or medical equipment.

Item Number	Connection G''	Flow Range l/min. Water	Max. Flow l/min. Water
5100559	1/4''	0.04–0.13	0.17
5100565	1/4''	0.1–0.6	0.7
5100571	1/4''	0.5–3.0	3.6

Installation / Electrical



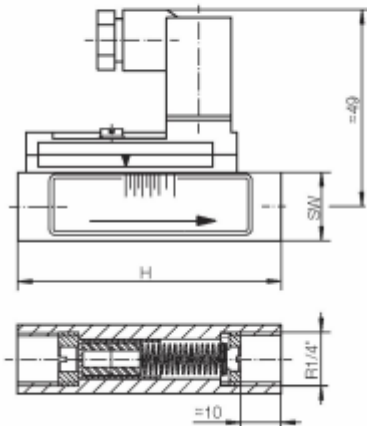
Technical specification

Function	Piston, reed switch, closing
Max. voltage	200 V AC
Max. load	20 VA
Electrical connection	DIN43650-C
IP-class	IP65
Connection	Internal thread 1/4"
Max. deviation	±10 %
Hysteresis	Approx. 10 % of limit value
Viscosity	1 cSt (higher viscosity gives changed values)
Max. pressure	300 bar
Media temperature	Max +100 °C
Pressure drop	Approx. 0.2 bar at max. flow
Design	
Material housing	Nickel-plated brass (GM)
Spring	Stainless steel 1.4310 (GM)
Piston	Nickel-plated brass (GM)
Seals	NBR (GM)
Weight	See table

Media



Dimensions



G"	Type	H mm	L mm	SW mm	Weight kg
1/4"	Brass	65	49	17	0.14