

# KMFS 1

## Magnetic Flow Switch

**KeramControls**®

### Description

This product is a target type flow switch for controlling indoor and commercial central air conditioner (water cooling machine).

### Features

- Use magnetic reed switch sensor, magnetic control, no power consumption
- High sensitivity and stable performance High reliability product, key components have passed UL certification
- Apply magnetic reed switch as induction element, the product has long service life
- On and off depend on the flow rate, independent of temperature and pressure
- Flexible applications, can be selected according to actual application
- Different mounting connections and adjustable target length



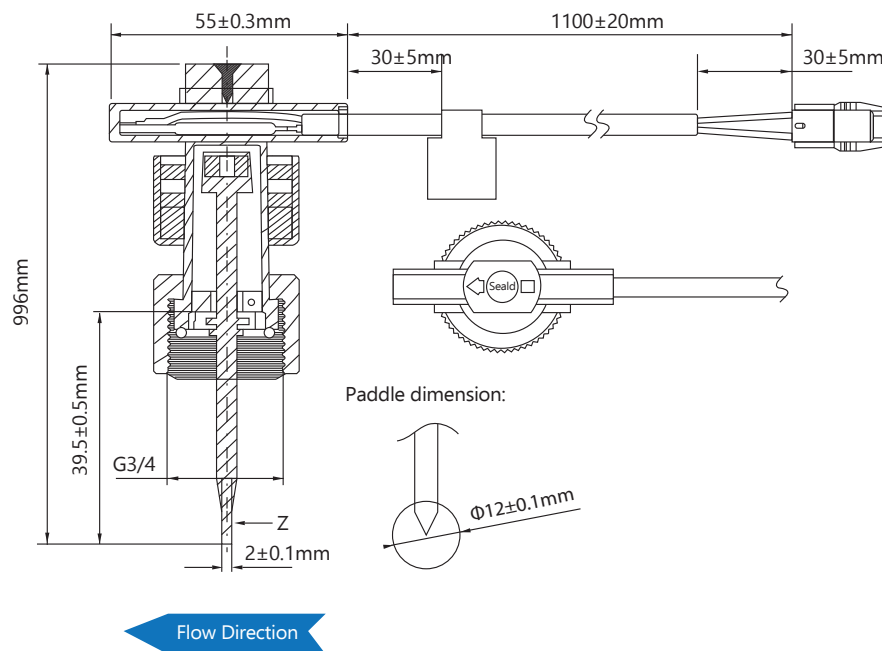
### Technical Data

Model	KMFS1
Connection style	Normally Open
Working temperature range	-10~+ 70°C(No frozen)
Max contact capacity	25W
Max voltage	A.C.220V+ 15%(0.1A MAX)
Max current	1A
Protection level	IP 65
Humidity	90-95%,40°C,48H
Fluid Temp.	Max. +100°C
Media	water(No frozen)
Rated Pressure	PN10(0.1Mpa)
Mounting position	Vertical pipe, downward flow or horizontal pipe, horizontal flow

### Parameter

Nominal Diameter	Thread Connection	Setpoint Ranges(L/min)		Max.Flow rate(L/min)
		Increasing Flow ON	Decreasing Flow OFF	
DN8	G1/4	2.7 ... 3.0	2.6 ... 2.9	15
DN10	G3/8	3.0 ... 3.8	2.8 ... 3.7	20
DN15	G1/2	3.8 ... 5.1	3.6 ... 4.9	30
DN15	G1/2male	3.0 ... 3.8	2.8 ... 3.7	20
DN15	G3/4male	3.0 ... 3.8	2.8 ... 3.7	20
DN20	G3/4	7.2 ... 9.0	6.9 ... 8.7	80
DN25	G1	13.0 ... 16.5	12.3 ... 15.9	130
DN32	G1 1/4	16.5 ... 21.0	16.0 ... 20.5	180
DN40	G1 1/2	27.0 ... 33.5	25.5 ... 32.5	300
DN50	G2	41.5 ... 53.5	40.6 ... 52.8	350

## Dimensions (mm)



Thread Connection D1	L1	L2	H
G1/4	11	50	27
G3/8	11	50	27
G1/2	11	50	27
G1/2male	10	60	--
G3/4male	11	50	--
G3/4	15	50	32
G1	15	50	41
G1 1/4	15	50	48
G1 1/2	15	50	55
G2	22t	64	70