

KMFS 2

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
- 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, you can choose according to practical applications
- Different mounting connections and adjustable target length



Specification

Model	KMFS2
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	Pipe tees and welded socket

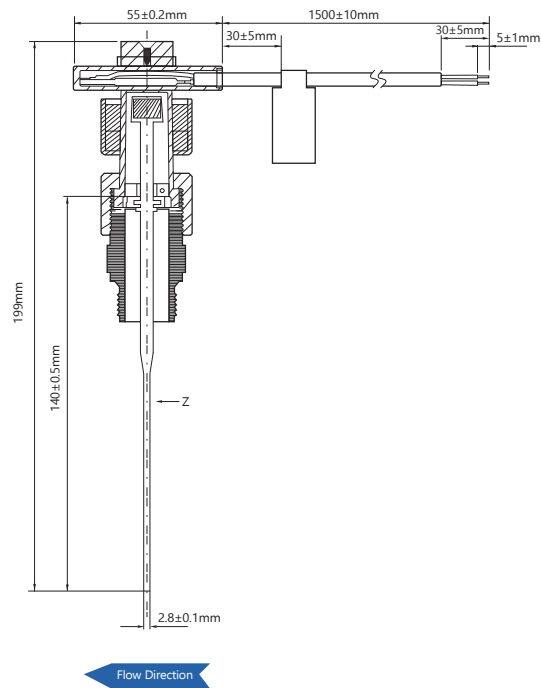
Advantages

- Universal Flow switches for DN 20 ... 200
- Fully adjustable for pipe size and setpoint by trimming the paddle
- Glass fibre reinforced plastic paddle or stainless steel paddle for higher flow rates
- Threaded adapters for tees or for direct insertion into pipes
- Easy installation due to union nut

Parameter

Nominal Diameter	Setpoint Ranges(L/min)		Max.Flow rate(L/min)
	Increasing Flow ON	Decreasing Flow OFF	
DN25	1 ... 1.2	0.9 ... 1	10
DN32	1.7 ... 2	1.5 ... 1.7	20
DN40	2 ... 3.3	1.8 ... 3	34
DN50	2.6 ... 4.8	2.4 ... 4.6	55
DN65	4.5 ... 8.8	4.2 ... 8.5	50
DN80	5.1 ... 13.8	4.7 ... 11.3	80
DN100	6.2 ... 18.8	5.9 ... 16.3	110
DN150	15.7 ... 27	14.3 ... 25	150
DN200	30 ... 45	29 ... 43.5	230

≡ Dimensions (mm)



≡ Technical Data

Pressure rating	PN10
Temperature	
Medium	-25~100°C
Ambient	-25~70°C
Electrical Data	
Electrical connection	1.5m PVC jacket cable
Switching current	Max.1A
Switching voltage	Max.230VAC, 48VDC
Rating	Max, 26VA, 20W
Degree of protection	IP65
Protection class	Class II