

Introduction:

FS-M-DF002 series is special designed for heat exchanger of water chilling unit. It solves the problem that can not use differential pressure switch because of the small differential pressure. It features the precise measurement, stable performance, no fatigue and reasonable price. It has been widely used in air conditioner factory.

Its price is a littler higher than traditional target paddle flow switch. Its reset and operating point can be used to judge whether system design and installation could meet the minimum flow of air conditioner unit or not, also to know the reasons of all faults to ensure the unit work normally.

The set point can be printed on the label, which to make installer and designer clear at a glance and then to know the fault is resulted from the air conditioner unit or installation.

Technical Parameter:

Storage temperature	-29℃~82℃
Media temperature range	-20℃~93℃
Metering substances	water ,oil(If special, please indicate with your order)
Average pressure loss	0.01bar (at rated flow)
Output	one SPDT dry contact output, terminal block connection
Switch output	5A(max)、250VAC /DC
Protection class	IP54 (differential pressure switch), IP65 (orifice plate)
Optional nominal size	DN50-DN350

Advantages:

1. Integrals with orifice, which can adjust flow directly.
2. It overcomes shortcomings that must make use of pressure and flow curve relation.

Optional:

Usually choose model according to requirements; as for some built-in type water systems (including water pump, auto filling valve, expansion tank, etc) of the small central air conditioner unit, it is suggested to choose magnetic induction type because the units usually installed singly and less routine maintenance; as for the system that has special maintenance, it is better to choose conventional products to save the cost and it is easy to install.