

BIMCO SERIES FLOW SWITCH



BIMCO-1001

Introduction

BIMCO Series liquid flow switches for liquid flowing through the pipeline flow changes, such as water, ethylene glycol or other non-hazardous liquids; When the liquid flow over or single-pole double-throw switch contact (SPDT) make a loop turn-on, while cutting off other a loop, the flow switch is commonly used or "stop" protection sites.

Characteristic

Liquid pressure up to 1MPa, the use of a wide range;

Stainless steel blades are 3 section, for the diameter of 25 – 75 mm the pipeline;

According to require to moved out the number of blades or modified leaf length;

BIMCO series liquid flow switch additional 6 "blade that can be used 100 – 150 mm pipeline;

Adjustable set point, the user may according to require to trim the flow value;

BIMCO1001series of electrical switches are the entire body, closed, for a small amount of dew will not have the risk of leakage;

BIMCO1001 series large wiring space, easy for user wiring

Application

Typical applications of the freezer system, when the cooling water drying up, BIMCO can be effectively cut off the compressor current, in order to protect the freezer and the entire refrigeration system damage.

series liquid flow parameters

		Switch action flow need (m ³ /h)													
Pipe Diameter (mm)		25	32	40	50	65	80	100	125	150	200	100*	125*	150*	200*
Min. Adjusting	Flow Increase (red. blue closed)	0.95	1.32	1.70	3.11	4.09	6.24	14.8	28.4	43.2	85.2	8.4	12.9	16.8	46.6
	Flow Reduce (red, yellow closed)	0.57	0.84	1.14	2.16	2.84	4.32	11.4	22.9	35.9	72.7	6.13	9.31	12.26	38.6
Max. Adjusting	Flow Increase (red. blue closed)	2.0	3.02	4.36	6.6	7.84	12.0	29.1	55.6	85.2	172.6	13.4	26.8	32.7	94.26
	Flow Reduce (red, yellow closed)	1.93	2.84	4.09	6.13	7.23	11.4	27.7	53.4	81.8	165.8	17.3	25.21	30.66	90.85

1. The flow value for the selection of reference;
2. With (*) is the values for the installation of all the four leaf values, without those for the three values;
- 3 BIMCO flow switch installed in accordance with the flow rate of the overall pipeline, using different kinds of leaves.

Manufactured & Marketed By :

M/S. Bombay Instrument Mfg. Co.

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