

# Diaphragm Style Flow Switch

## Series IFW5

The flow switch, series IFW is used for detection and confirmation of the flow as a relaying device for the general water applications in some various equipment such as cooling water fixture in the industrial machinery.

● **Low flow setting possible (1 ℓ/min)**

● **Simple flow setting**

Without removing the cover, you can set with a screwdriver from the outside.



PAT. PEND

### How to Order

**IFW5 10 N 03 1 1**

Diaphragm style flow switch

Flow range

10	1 to 10 ℓ/min
20	10 to 20 ℓ/min
50	20 to 50 ℓ/min

Thread type

Nil	Rc
N	NPT
F	G

Port size

03	3/8
04	1/2
06	3/4

Light

0	None
1	With neon light (110 VAC, Red)
2	With neon light (110 VAC, Green)
3	With neon light (220 VAC, Red)
4	With neon light (220 VAC, Green)
5 <sup>Note)</sup>	With LED light (24 VDC, Red)
6 <sup>Note)</sup>	With LED light (24 VDC, Green)

Note) LED light is available for 5, 6, 7, 8 (with terminal box for 24 VDC).

Terminal box

0	Without terminal box (Contact: 1ab)
1	With terminal box (Contact: 1ab)
2	With terminal box (Contact: 1b)
5 <sup>Note)</sup>	With terminal box (24 VDC, ⊕COM, Contact: 1b)
6 <sup>Note)</sup>	With terminal box (24 VDC, ⊕COM, Contact: 1a)
7 <sup>Note)</sup>	With terminal box (24 VDC, ⊖COM, Contact: 1b)
8 <sup>Note)</sup>	With terminal box (24 VDC, ⊖COM, Contact: 1a)

Note) Terminal box for 24 VDC is available for 5, 6 (LED light).

### Specifications

Fluid	Water/Non-corrosive liquid *	
Operating pressure	0.1 to 0.6 MPa	
Water resistance	1.2 MPa	
Operating temperature range	-5 to 60°C (No freezing)	
Operation	Diaphragm style	
Insulation resistance	100 MΩ (500 DC by megameter)	
Withstand voltage	1500 VAC for one min.	
Contact	Without terminal box: 1ab	
	With terminal box: 1a or 1b	
Port size	3/8, 1/2, 3/4	
Body material in contact with fluid material	Body	BC6
	Rod	C3604B
	Diaphragm	NBR

About the use of \*, please confirm SMC.

ZSE□  
ISE□  
PSE  
ZSE3  
PS  
ZSE1  
ZSE2  
ZSP  
ISA2  
IS□  
ZSM  
PF2□  
IF□  
Data