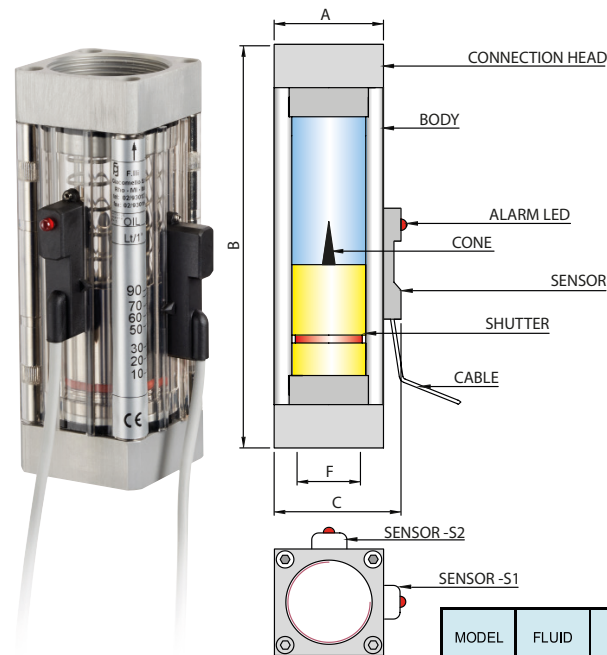


# FLOWSWITCH - FLU/P

## FLOWSWITCH FOR LIQUID FLU/P



The Flow Switch FLUP have high visibility on each side and a clear reading of the scale.  
FLU/P series can be equipped od one or 2 alarm sensors at reed contact, possibly supplemented by red or green LED or a signaling field of the presence or absence of the flowrate predetermined.

**Threaded connection head:** anodized aluminum

**Threads available(F):** from 1/4" to 1"1/2 bsp

**Body material:** Grilamid™ TR55 (PA Transparent) high resistance

**O-Ring:** NBR; on demand for appropriate quantities available other elastomers

**Electric Sensors:**

SPST, changes the state of the connection as the shutter passes and maintains the memory

SPDT, changes the state of the connection as the shutter passes and does not retains the memory

**Installation:** Vertical

**N.B.: The calibration of the instrument was performed at a pressure of 1.5 bar**  
**Proper functioning of the instrument is guaranteed with liquids of max. viscosity 220 cSt**

MODEL	FLUID	F		FLOWRATE L/1'	SHUTTER material	CONE material	MAX RESISTANCE Bar	A	B	C	Temperature range -20...+80°C	SENSOR ELECTRICAL CHARACTERISTICS	SPST CONTACT	SPST CONTACT WITH LED	SPDT CONTACT
FLU/P	WATER	1/4"	BSP	0,5 - 7	PVC	PVC	30*	40 x 40	150	57		DC SWITCHABLE POWER	40W		20W
		3/8"		1 - 16	NICKEL-PLATED ALUMINUM										
		1/2"		2 - 22	PVC		25*	55 x 55	160	72		AC SWITCHABLE POWER	40VA		20VA
		3/4"		2,5 - 25											
		3/4"		5 - 45											
		1"		5 - 45											
		1" ¼		10 - 110											
		1" ½		10 - 130											
	FLUID	F	FLOWRATE L/1'	SHUTTER material	CONE material	MAX RESISTANCE Bar	A	B	C	CURRENT INTENSITY IN D.C.		2 A	1 A		
	OIL	1/4"	BSP	0,5 - 6	NICKEL- PLATED ALUMINUM	NICKEL- PLATED ALUMINUM	30*	40 x 40	150	57	SWITCHABLE VOLTAGE	230 VDC/VAC	5/12VDC	150 VDC/VAC	
		3/8"		1 - 12											
		1/2"		1 - 16			25*	55 x 55	160	72					
		3/4"		1 - 20											
		3/4"		2 - 40											
		1"		2 - 40											
		1" ¼		5 - 80											
		1" ½		10 - 100											

\*value determined with tests performed with distilled water at room temperature.

# ORDER DIAGRAM FLU/P

COD	FLUID	CONNECTION (BSP)	FLOWRATE (L/1')
1	WATER	1/4"	0,5 - 7
2	WATER	3/8"	1 - 16
3	WATER	1/2"	2 - 22
4	WATER	3/4"	2,5 - 25
5	WATER	3/4"	5 - 45
6	WATER	1"	5 - 45
7	WATER	1" ¼	10 - 110
8	WATER	1" ½	10 - 130
9	OIL	1/4"	0,5 - 6
10	OIL	3/8"	1 - 12
11	OIL	1/2"	1 - 16
12	OIL	3/4"	1 - 20
13	OIL	3/4"	2 - 40
14	OIL	1"	2 - 40
15	OIL	1" ¼	5 - 80
16	OIL	1" ½	10 - 100

FLOWRATE	
S	STANDARD
C	CUSTOM (MIN-MAX)

SENSORS	
1	1 SENSOR
2	2 SENSORS

U/P	4
C	5-15
2	2
B	B
S	S
A	A
L3000	L3000

S2 SENSOR CABLE LENGTH		
S	STANDARD	1500mm
L	ON DEMAND	.....mm

TYPE OF CONTACT SENSOR S2	
A	SPST CH IN ABSENCE
B	SPST CH IN PRESENCE
C	SPDT (does not keep memory, see description)
D	SPST CH IN ABSENCE WITH GREEN LED
E	SPST CH IN ABSENCE WITH RED LED
F	SPST CH IN THE PRESENCE WITH GREEN LED
G	SPST CH IN THE PRESENCE WITH RED LED

TYPE OF CONTACT SENSOR S1	
A	SPST CH IN ABSENCE
B	SPST CH IN PRESENCE
C	SPDT (does not keep memory, see description)
D	SPST CH IN ABSENCE WITH GREEN LED
E	SPST CH IN ABSENCE WITH RED LED
F	SPST CH IN THE PRESENCE WITH GREEN LED
G	SPST CH IN THE PRESENCE WITH RED LED

S1 SENSOR CABLE LENGTH		
S	STANDARD	1500mm
L	ON DEMAND	.....mm