

FLOW SWITCH

AI.FS30R



FS30RB - BRASS

FS30RS - STAINLESS STEEL

Easy Installation, Wide Range Pipe Size Selections

Protection Class: IP65

Process Connection: 1" NPT male

Material Housing: Plastic (Other wetted part: brass or stainless steel)

Application: Liquid

Installation: Easily mounted directly in a pipe

Pipe Size Range: 25-200 (1"-8"), large size is available

Microswitch: SPDT, 15A 125, 250V 480VAC, 1/2A 125VDC, 1/4A 250VDC

Conduit Connection: PG11, other thread available with adaptor

Temperature Limit: -30/+120°C

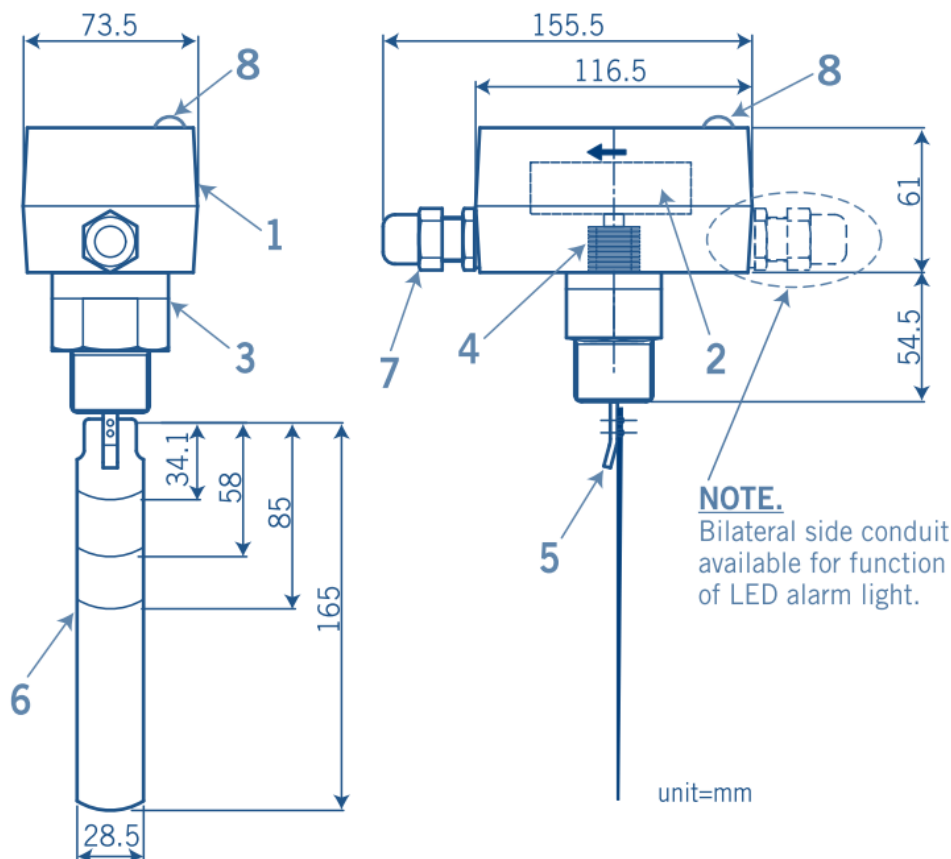
Pressure Limit: 15 kg/cm² - stainless steel; 10kh/cm² - brass

Option Function (Extra Cost):

Led Alarm Light: RED color (bilateral side conduit connection available)

Power Supply for LED Alarm Light: AC 110V, AC 220V; option available

DIMENSIONS

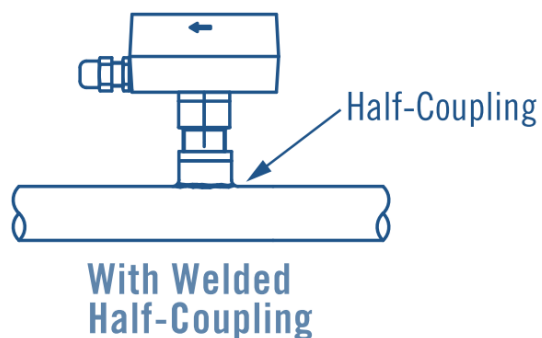
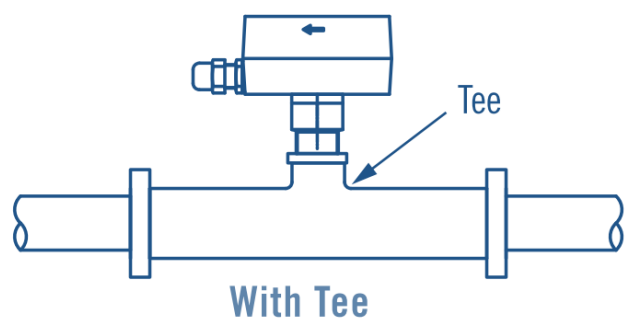


FLOW RATE TABLE

INSTALLATION INSTRUCTION

**Flow Rates Required to Actuate, Deactuate
Litter per Minute (L/M) Water at 25°C**

Pipe Size	Actuate (on)		Deactuate (OFF)	
	FS-30RB	FS-30RS	FS-30RB	FS-30RS
1"	23~40	26~45	14~35	16~39
1¼"	38~64	42~70	22~64	24~71
1½"	49~88	54~97	27~74	30~82
2"	72~125	80~137	36~91	40~100
2½"	92~160	100~176	44~140	48~154
3"	114~198	125~218	46~173	51~190
4"	151~279	166~307	75~243	82~267
5"	223~436	245~480	111~349	122~384
6"	300~629	330~690	150~466	165~512
8"	770~1560	847~1715	643~1480	707~1620



MATERIAL LIST

Item		FS-30RB	FS-30RS
1	Housing	Plastic	Plastic
2	Switch Mechanism	Microswitch Unit	Microswitch Unit
3	Connection	Brass	SS316
4	Bellows	Brass	SS316
5	Paddle Guide	Brass	SS316
6	Paddle	SS301	SS301
7	Conduit	Plastic	Plastic
8	LED Alarm Light (option function)	Plastic	Plastic



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