

FLOW SWITCH

AI.FS40R



CE



EAC

TECHNICAL DATA

Protection Class: IP65

Process Connection: 1/2", 3/4" (F) (Tee), NPT and PT available

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

Application: liquid

Installation: Easily mounted directly on a pipe

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

Conduit Connection: PG11, other thread available with adaptor

Temperature Limit: -30/+120°C

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

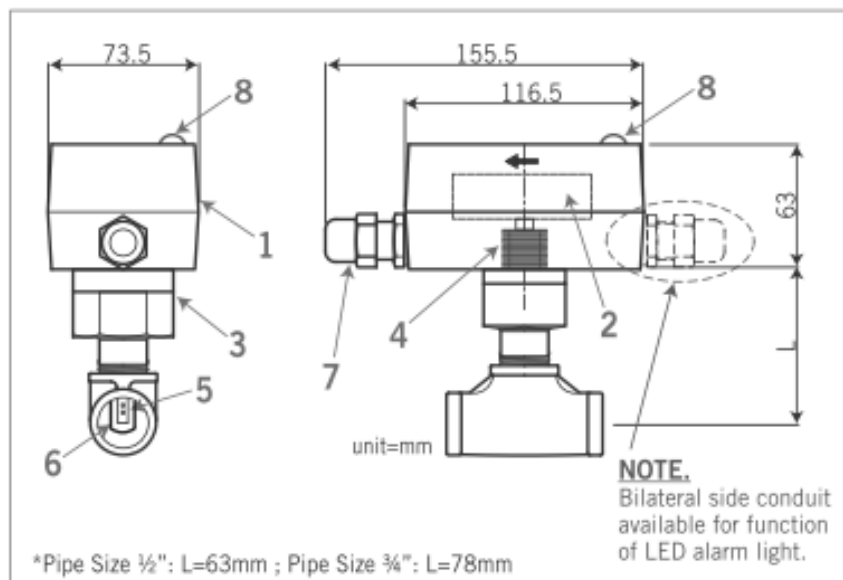
FLOW RATE TABLE

Flow Rates Required to Actuate, Deactuate Litter per Hour (L/H) Water at 25°C				
Pipe Size	Actuate (on)		Deactuate (OFF)	
	FS-40RB	FS-40RS	FS-40RB	FS-40RS
½"	590~600	610~630	370~390	390~410
¾"	760~780	790~810	465~480	490~520

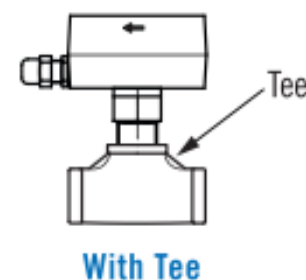
MATERIAL LIST

Item		FS-40RB	FS-40RS
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

DIMENSIONS



INSTALLATION INSTRUCTION



ORDERING INFORMATION

FS40R	Code	Connection Material	
	B	Brass	
	S	SS316	
		Code	Process Connection
		1	½"NPT female
		2	½"PT female
		3	¾"NPT female
		4	¾"PT female
		0	option
		Code	Option Function (Extra Cost)
		1	LED Alarm Light only
		2	LED Alarm Light + Bilateral Side Conduit Connection
		N	Without
FS40R Complete Ordering Code			



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