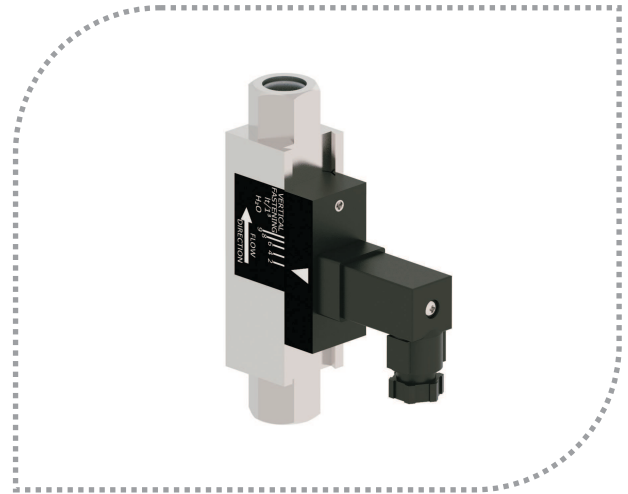


EFS 71 Flow Switch works with the power of the current in order to monitor the flow with high reliability. Mechanism works with the triggering of the reed switch inside by float while moving in the direction of flow. The reed switch is adjustable from outside of the body. Hysteresis (delay) is the difference in flow between the switch closing and opening again. The difference is the result of the movement required by the float to reclose the open contact. Therefore, shorter the difference; greater the accuracy. Choosing of the right magnets and reed switches; the delay of EFS 71 is adjusted to minimum.

Areas of Application :

Monitoring of cooling circuits in welding machines, compressors, heat exchangers and centrifuges.
Monitoring of sealing media for seals and pump dry running, motor cooling systems etc.



Technical Specifications :

Fluid	Water, Air
Connection Size	1/4" BSP, 1/2" BSP, 1" BSP (Std.)
Body Material	Brass (Nickel Plated) (Std.) Opt. Stainless Steel
Seal Material	EPDM (Std.) Opt. Viton
Spring Material	304 Stainless Steel
Thread Material	Brass (Std.) Opt. Stainless Steel
Contact Material	Plastic
Magnet Material	Alnico
Working Temperature	100 °C Opt. 120 °C (Stainless Steel)
Accuracy	± % 5 Full Scale
Contact	1 x NO 1A / 200 VAC
Max. Working Pressure	300 bar
Protection Class	IP 65

Connection	1/4" BSP	1/2" BSP	1" BSP
Measurement Range (l/min) Water	0,1...0,6	0,3...1	8...28
	0,2...1,3	0,5...1,6	15...45
	0,4...2	1...4,5	35...85
	0,5...3	2...8	60...140
	1,5...5	4...16	-
(nl/min) Air	-	6...27	-
	0,15...1800	0,9...30	240...840
	0,6...39	15...48	450...1350
	12...60	30...135	1050...2550
	15...90	60...240	1800...4200
Pressure Drop (bar)	45...150	120...480	-
	-	180...1620	-
	Max. 0,2	Max. 0,3	Max. 0,4

EFS FLOW SWITCH

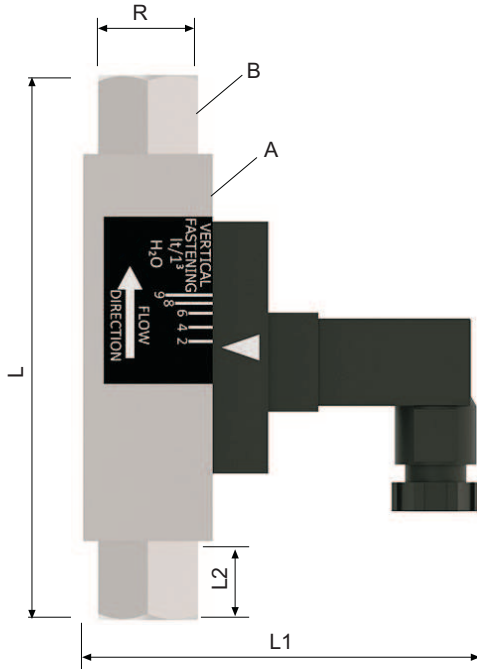
EFS 71

Advantages :

- * Can be used in hot and cold water / air.
- * Fully waterproof - air light design.
- * Economical.
- * High static pressure.

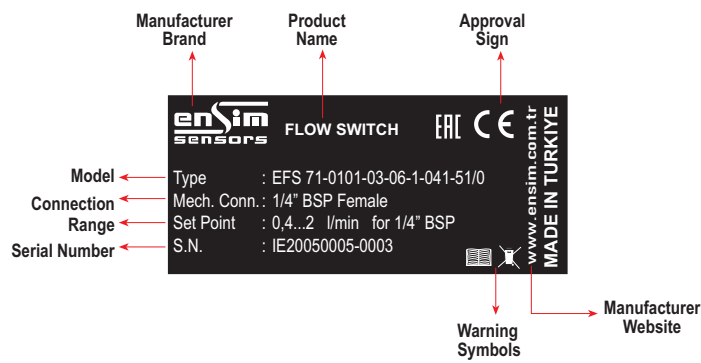


Dimensions

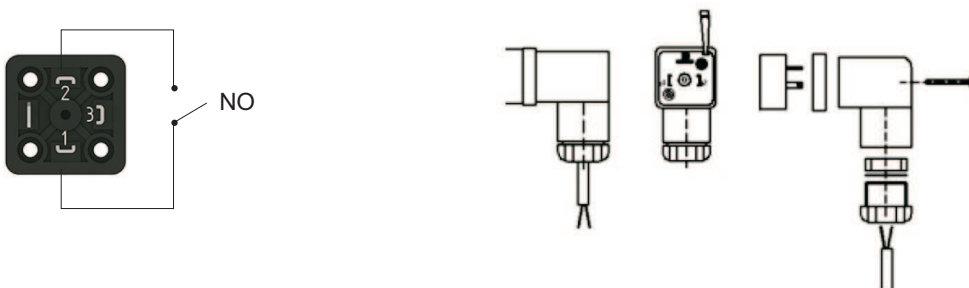


R (mm) Female	A (mm)	B (mm)	L (mm)	L1 (mm)	L2 (mm)	Weight (g.)
1/4" BSP	∅ 22	17 Hex	95	68	18,5	250
1/2" BSP	27AA	24 Hex	114	74	18,5	450
1" BSP	41AA	36 Hex	158	88	24,5	1350

Product Label :



Electrical Connection :



Order Form: **Please consider sample models when coding!..**

1 MODEL EFS

Std. 71

2 CONNECTION

1/4" BSP Female.....0101	1" BSP Female.....0105
1/2" BSP Female.....0103	Special.....x

3 SET POINT (Must be provided before order)

0,1...0,6 l/min For 1/4" BSP.....01	2...8 nl/min For 1/2" BSP.....09
2...1,3 l/min For 1/4" BSP.....02	4...16 nl/min For 1/2" BSP.....10
0,4...2 l/min For 1/4" BSP.....03	6...27 nl/min For 1/2" BSP.....11
0,5...3 l/min For 1/4" BSP.....04	8...28 nl/min For 1" BSP.....12
1,5...5 l/min For 1/4" BSP.....05	15...45 nl/min For 1" BSP.....13
0,3...1 l/min For 1/2" BSP.....06	35...85 nl/min For 1" BSP.....14
0,5...1,6 l/min For 1/2" BSP.....07	60...140 nl/min For 1" BSP.....15
1...4,5 l/min For 1/2" BSP.....08	Special.....x

4 CONTACT STRUCTURE

1O -NO / 200 VAC Relay.....06	Special.....x
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5 MOUNTING TYPE (For Calibration)

Horizontal 0	Vertical (Std.).....1
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6 BODY MATERIAL

304 Stainless Steel.....001	Brass (Std.) 041
316 Stainless Steel.....002	Special.....x

7 ELECTRICAL CONNECTION

Polyamide Small Socket P02.....51	Special.....x
PVC Cable (Max. 60 °C).....80	

8 OPTIONAL

None...../ 0	Special...../ x
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EXAMPLE

EFS 71 - 0101 - 03 - 06 - 1 - 041 - 51 / 0

Flow Switch , EFS 71 , 1 / 4" BSP , Set : 0,4-2 L/min water, Vertical Mounting, Brass Body, With Socket