

## GENERAL CHARACTERISTICS

FCM flow switch has been designed to offer a very simple and safety control against the missing flow passage. The electrical components are separated from the mechanical parts and the reed contact is magnetically actuated. The switch head is fixed to the body by a fast self locking system and can be replaced without removing the flow switch from the pipe. No adjustment or setting is required after the switch head replacement.

- No setting required
- Easy and fast replacement of the switch head
- Low pressure loss
- Vertical and horizontal mounting types
- Liquid and gas applications



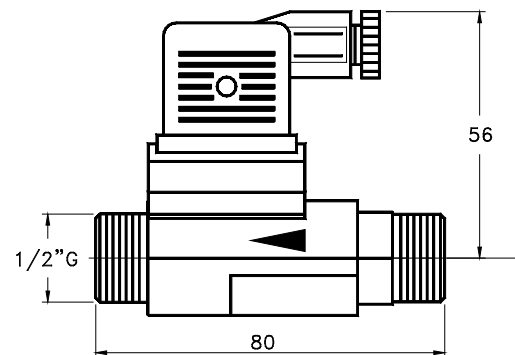
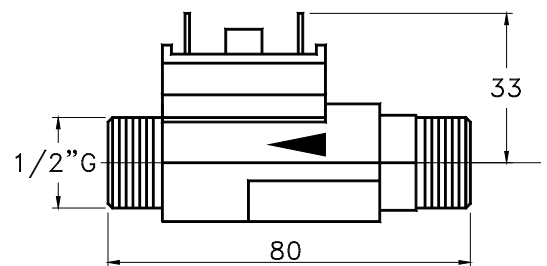
<b>GV</b>		Vertical mounting, flow direction from the bottom
<b>GO</b>		Horizontal mounting and vertical with flow direction from the bottom

## THECNICAL DATA

Tab.1

			Code
Body	Hexagonal bar	Brass	-
Process connection	1/2" Gas-male - UNI 228/1		<b>15</b>
Sensing element	Piston	PP	-
Accuracy	± 15% of the setting value		-
Temperature max.	90 °C		-
Pressure loss	0,5 bar at max. flow rate		-
Flow rate max.	25 L/min	For all settings	-
Mounting	Vertical		<b>GV</b>
	Horizontal		<b>GO</b>
Weight	170 g		-

## DIMENSIONS



## AVAILABLE SETTINGS

Tab.2

GV			GO			N.
Set point l/min			Set point l/min			
Nominal	ON	OFF	Nominal	ON	OFF	
0,8	0,8	0,7	2,5	2,8	1,7	<b>6</b>
1	1,1	1	3	3,3	2	<b>5</b>
1,5	1,7	1,6	4	4,2	2,9	<b>1</b>
2	2,1	2	5	5,2	3,2	<b>2</b>
2,5	2,6	2,4	6	6,3	4,1	<b>3</b>
3	3,2	3,1	7	7,4	4,4	<b>4</b>

## ELECTRICAL DATA

Tab.3

Reed contact	N.O.	No flow condition	
Contact rating	300 V	70 VA	0,5 A
Wiring	Faston	6,3 mm.	
DIN cover	IP65	On request	<b>KIT</b>

The DIN cover KIT is separately supplied.

## MOUNTING AND MAINTENANCE

Clean the hydraulic circuit before installation of the flow switch. Do not mount the flow switch in direct contact with ferrous or magnetic surfaces. Take care to use metal hexagonal part of the body during connection to the pipe adaptors. If switch head has to be replaced, be sure of the good fastening to the body.

## NOMENCLATURE

<b>FCM 3</b>	<b>2,5</b>	<b>15 GV</b>
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	•	
		•
<b>KIT/FCM</b>		

Tab.2	Type + Setting N.
Tab.2	Nominal set point l/min
Tab.1	Process connections + Mounting type
Tab.3	DIN cover kit option