

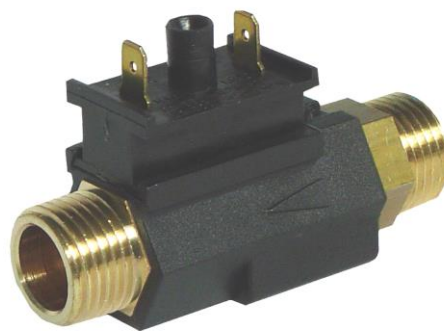
## GENERAL CHARACTERISTICS



The flow switch FCM was built to enable a simple control of the flow rate and a fast signal in the absence of flow.

The electrical part is physically separate from the mechanical and the contact is magnetically actuated. The electric head has a bayonet fixing system and, in case of necessity, can be replaced without removing the instrument from its installation.

- No calibration needed.
- Easy replacement of the electrical contact.
- Low pressure loss.
- Versions for both vertical and horizontal operation.
- Can be used both with liquids and gases.



<b>GV</b>		Vertical mounting with flow direction from bottom to top.
<b>GO</b>		Horizontal or vertical mounting with flow direction from bottom to top

## TECHNICAL DATA Tab.1

			Code
Body	Hexagonal bar	Brass	-
Process connection	1/2" Gas-M - UNI 228/1		<b>15</b>
Sensor	Piston	PP	-
Accuracy	± 15% of setting value		-
Max. Temperature	90°C		-
Pressure loss	0,5 bar with max. flow rate		-
Max. Flow rate	25 l/min	All ranges	-
Max. pressure	250 bar (*)		-
Mounting	Vertical		<b>GV</b>
	Horizontal		<b>GO</b>
Weight	170 g		-

(\*) Higher pressures on request.

## AVAILABLE SETTINGS Tab.2

GV			GO			N.
Settings l/min			Settings 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

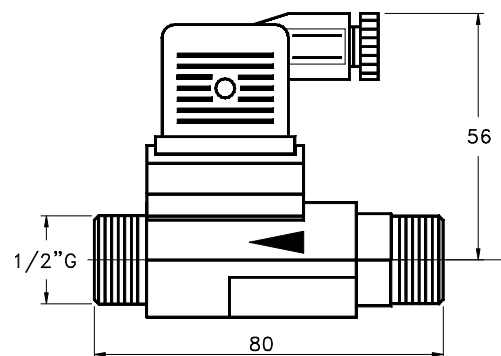
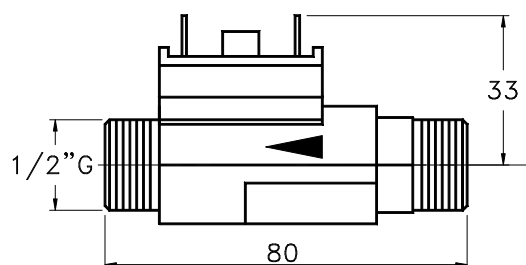
Reed contact	N.O.	No flow rate	
Reed contact data	300 Vac	70 VA	0,5 A
Connection	Faston	6,3 mm.	
DIN plug protection	IP65	On request	<b>KIT</b>
The DIN cap is supplied in a separate kit			

## NOMENCLATURE

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

Tab.2	Name + N. of setting
Tab.2	Nominal setting l/min
Tab.1	Process connection + Type of installation
Tab.3	DIN cap optional mounting kit

## DIMENSIONS mm.



## INSTALLATION AND MAINTENANCE

Drain the hydraulic circuit before installation. Do not mount the switch in direct contact with ferromagnetic surfaces.

Proceed with the assembly, taking care to use only a hexagonal wrench for fixing metal fittings.

In case of electrical failure replace the electrical head making sure of the happened hooking bayonet.