

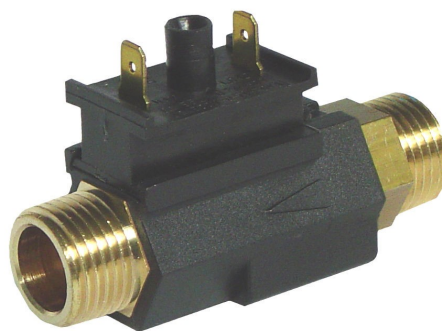
GENERAL CHARACTERISTICS



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.



GV		Vertical mounting with flow direction from bottom to top.
GO		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	15
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		GV
	Horizontal		GO
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	6
1	1,1	1	3	3,3	2	5
1,5	1,7	1,6	4	4,2	2,9	1
2	2,1	2	5	5,2	3,2	2
2,5	2,6	2,4	6	6,3	4,1	3
3	3,2	3,1	7	7,4	4,4	4

ELECTRICAL DATA Tab.3

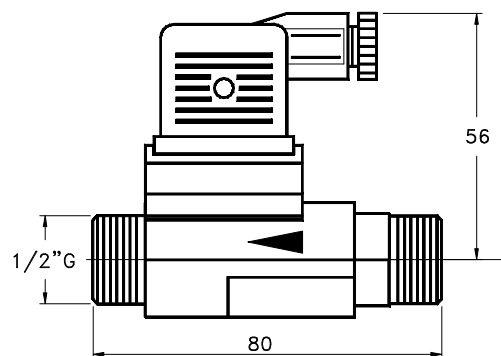
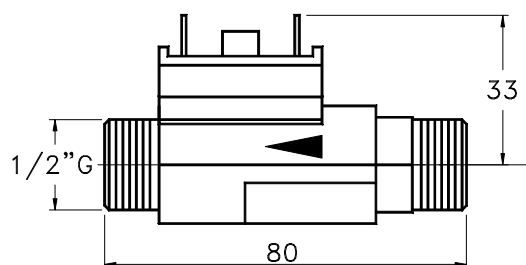
Reed contact	N.O.	No flow rate	
Reed contact data	300 Vac	70 VA	0,5 A
Connection	Faston	6,3 mm.	
DIN plug protection	IP65	On request	
The DIN cap is supplied in a separate kit			KIT

NOMENCLATURE

FCM 3	2,5	15 GV
•		
	•	
		•
KIT/FCM		

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.