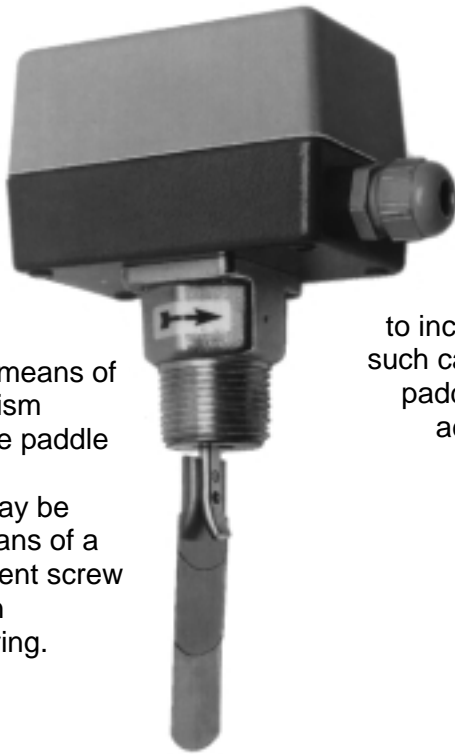


The sensitive element of **CR Flow switches** is a paddle. Its movement is caused by the fluid passing in the pipe, and it is transmitted to a high power microswitch by means of a lever mechanism connected to the paddle with a bellows. The set point may be adjusted by means of a special adjustment screw connected to an antagonistic spring.



The standard equipment includes a three-segment paddle suitable for installations from 1" to 3" pipes. A fourth paddle is provided to use the instrument with greater diameters, or to increase its sensitivity. In such cases, the length of the paddle must be shortened according to the needs.

### Use / Characteristics

- ◆ Rugged unit with bellows separation.
- ◆ High work power 250V, 15A.
- ◆ Standard version is adjustable to all diameters.
- ◆ Easy assembling.
- ◆ Low pressure loss.
- ◆ Brass and stainless steel manufacture.
- ◆ Independent functioning from installation position.
- ◆ May be used for both liquids and gases.

These instruments are mainly used as safety devices for industrial, heating and process applications.

ND mm	Type Fluvatest	H mm	L x B mm	Kg
25 - 300	CR 25 . V	54	108 x 72	0,8

Setting: open the electric head cap and rotate the adjustable screw clockwise or counter-clockwise, respectively to increase or decrease the set point. For pipes over ND100 use paddle 4 following the manual instructions. The instrument must be installed through a 1" GAS female connection orthogonally welded to the pipe. The above mentioned connections are not included in the standard Equipment.

Materials:	MR 1K..KI	MR 1K..MI
Corpo	OT 58	1.4571
Paletta	1.4571	1.4571
Soffietto	Tombaco	1.4571

Electrical characteristics:

Changeover microswitch  
250V a.c. 15VA (8A induct.)  
Cable inlet PG11  
Protection IP 65

Process connection 1" GAS-M

Gas thread "	Pipe Ø mm	Type	max. P bar (stat.)	max. t °C	Adjust. range m³/h (H₂O)	ΔP max. Q bar	N° paddle	Order n.	
								CR..MV	CR..KV
1	25	CR25MV, KV	10/30	120	0,6 - 2	0,08	1	930501	930502
	32							930501	930502
	40							930501	930502
	50							930501	930502
	65							930501	930502
	80							930501	930502
	100							930501	930502
	150							930501	930502
200	930501	930502							
	930501	930502							
250 - 300	930501	930502							
	930501	930502							
Max. dynamic P			10						

SEE UPDATED PRICE LIST

Air correction factor = 15; 1 l/min H2O = 15 NI/min air (1 bar)  
Paddle 4 may be used to reduce the set point value from ND 100.  
Hysteresis 10%; precision ± 5%; max. Q = 8m/sec.  
Paddle 4 optional from ND 100

