

## GENERAL CHARACTERISTICS



Paddle flow switches in compact design. When the set point value is reached, a magnet, fixed to the paddle, actuates the electrical contact housed outside. The electrical contact is separated from the mechanical part and can be replaced without removing the flow switch from the hydraulic circuit. The calibration value is adjustable from the outside even in working condition and when the contact is powered. The electrical connection is realized via cable.



Universal welding fitting DN10-DN80 supplied with the instrument.

- Hermetic separation between flow chamber and electric head.
- No restrictions on mounting position.
- Low pressure loss.
- Electrical contact selectable N.O. or N.C.
- Insensitive to impurities.

## TECNICAL DATA

Tab.1

Pipe DN	Code	Setting ranges l/min H <sub>2</sub> O	Q max l/min	ΔP max Bar	P max Bar	T max °C	Weight Kg	Dimensions		
Pipe	Code							H	Paddle	B
15	015	5,0 - 6,5	20	0,01	25	110	0,21	18,0	13	-
20		10 - 15,5	40	0,01	25	110				
25		11 - 13	80	0,01	25	110				
32	025	26 - 33	100	0,01	25	110	0,22	27,5	12	16
40		34 - 42,5	150	0,01	25	110				
50	050	47,5 - 60	200	0,01	25	110	0,23	42,0	12	19
65		95 - 117	400	0,01	25	110				
80		147 - 179	600	0,01	25	110				

Setting ranges for horizontal mounting and decreasing flow. With reference to DIN2448 pipe standard thickness.

See Tab.4

Accuracy ± 15% F.S.      Hysteresis 15% - min. 0,7 l/min.

## MATERIALS

Tab.2

Description	Code VM	Code VK
Body	Brass	Stainless steel 1.4571
Paddle	Stainless steel 1.4571	Stainless steel 1.4571
Spring	Stainless steel 1.4310	Stainless steel 1.4310
Magnet	Oxid 300	Oxid 300
Sealing gasket	NBR	Viton
Reed holder	Brass	Stainless steel 1.4305

## ELECTRICAL DATA

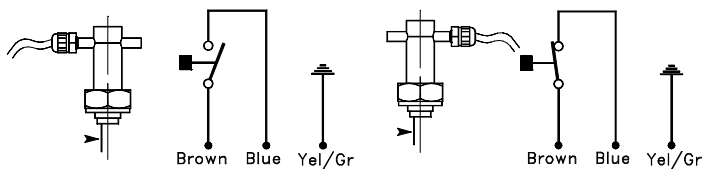
Tab.3

Description	Characteristics				
Contact	REED	NO (*)	250Vac	1,5A	50VA
Electrical output	Reed holder		1,5 m. cable		
Protection	IP65				

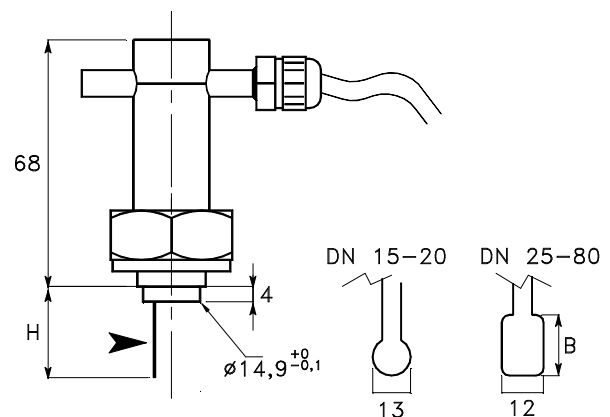
(\*) N.C. reversing the position of the reed holder see Tab.4

## WIRING AND DIMENSIONS

Tab.4



Code 0225



## NOMENCLATURE

UR1	025	VM	IP65	0225
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	Name - Type
Tab.1	Pipe dimension, Ø
Tab.2	Material
Tab.3	Degree of protection
Tab.4	Wiring