

GE-315 Adjustable Target Paddle Flow Switch

The GE-315 Series Target Water Flow Switch is a new type flow switch, avoiding rust and bad contact by separating the electricity from the liquid. This products totally give up the isolating part for water and electricity by corrugated pipe applied on common target flow switch. When the micro switch is operating, it won't touch with low temperature metal part, so no condensation water, no rust and bad contact, and the Protection Grade up to IP65, it could be applied in corrosive air environment.

Adjustable Flow Action Setpoint

Character:

- * Good Repeatability
- * Low Pressure Loss
- * Dirt Resistant
- * Hermetic Separation of Electrical and Hydraulic Components
- * Easy Adjustment of Switch

Specification:

- * Electricity: 250V max, 5A max
- * Output: SPDT Switch
- * Tolerance $\pm 15\%$ of full scal
- * Media Temperature $-30\sim 110\text{C}$
- * Average Pressure Loss 0.01bar at Q_{max} .
- * Hysteresis depending on switch value
- * Metering Substances Oil, Water, Gas, Air
- * Max Pressure 25bar (40bar available)
- * Protection Grade IP65
- * Materials UPVC, Brass or Stainless Steel

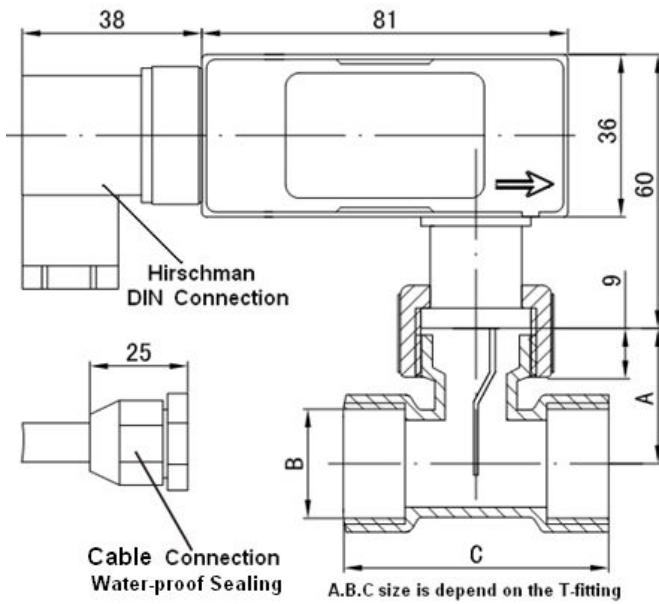


Model	Pipe Size	Adjustable Range for Flow Setpoint (L/min)				
		1st Range	2nd Range	3rd Range	4th Range	5th Range
GE-315-G3/8"	DN10	1.4~2.0	2.0~2.6	2.4~3.2	2.7~3.6	3.7~5.0
GE-315-G1/2"	DN15	3.3~4.4	4.4~5.9	5.3~7.2	6.0~8.1	8.4~11.3
GE-315-G3/4"	DN20	5.8~7.8	7.8~10.6	9.4~12.8	10.6~14.4	14.9~20.1
GE-315-G1"	DN25	9.1~12.3	12.2~16.5	14.7~19.9	16.6~22.5	23.2~31.4
GE-315-G5/4"	DN32	14.8~20.1	20.0~27.1	24.1~32.7	27.3~36.9	38.1~51.5
GE-315-G3/2"	DN40	23.2~31.4	31.3~42.3	37.7~51.0	42.6~57.6	59.5~80.5
GE-315-G2"	DN50	36.2~49.0	48.8~66.1	59.0~79.8	66.8~90.7	93.0~125.8

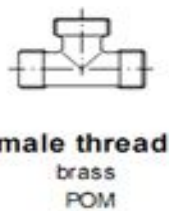
* The adjustable range is for flow setpoint, **not for max flow rate**.

* The max T-fitting pipe size could be DN100, we could supply the adjustable paddle flow switch with T-fitting DN63(2+1/2") DN75(2+3/4") DN80(3") DN90(3+1/2") DN100(4")

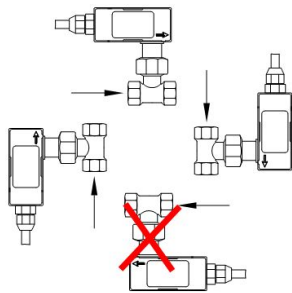
Dimension Drawing:



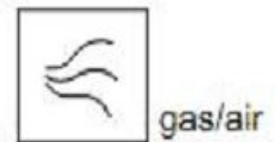
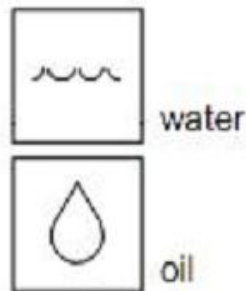
Pipe Connection:



Installation:



Measuring Substance:



How to Choose the Type?

A B C D E

GE-315 □-□-□-□-□

Letter	Parameter	Option
A	Pipe Size	DN10 (3/8") ~ DN50 (2")
B	Pipe Connection	Femal Thread; Male Thread, and others
C	Adjustable Range of setpoint	1st range ~ 5th Range
D	Wire Connection	Hirschman DIN; Cable with sealing (1m 2x0.75m ²)
E	Special Demand	Custom-made OEM ODM is acceptable