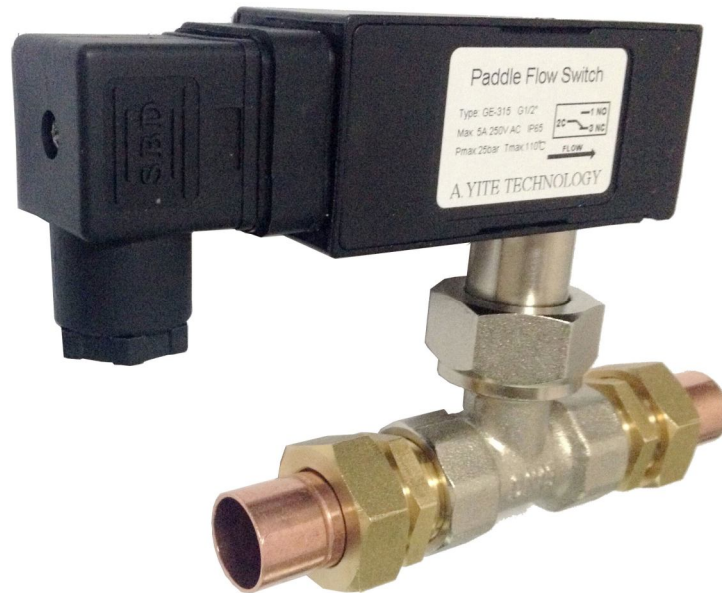


## Red Copper Pipe Paddle Flow Switches



GE-315-WD paddle flow switch adopt red copper pipe for inlet and outlet, suit the welding copper tube system. The flow setpoint is adjustable for different condition, mainly used in the oil flow system of chiller and refrigeration instrument. This adjustable flow switch could supply pipe size for 15mm 16mm 22mm 28mm 35mm 42mm 54mm 67mm red copper tube.

### Specification:

- \* Pipe OD: 15mm 16mm 22mm 28mm 35mm 42mm 54mm 67mm
- \* Max Loading: 250V 3A max, 125V 5A max
- \* Output: SPDT Switch
- \* Tolerance  $\pm 15\%$  of full scale
- \* Media Temperature  $-30\sim 110$  C
- \* Average Pressure Loss 0.01bar at Qmax.
- \* Hysteresis depending on switch value, Minimum 0.7 l/min.
- \* Metering Substances Oil, Water, Gas, Air (If special substances, please declare)
- \* Max Pressure 25bar (40bar could be custom-made)
- \* Protection Grade IP65
- \* Pipe Connection: Hirschmann DIN or Cable with sealing
- \* Micro switch: Omron, Made in Japan.

### Character:

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

**Model Sheet:**

Model	Pipe OD Size	Adjustable Range for Flow Action Setpoint (L/min)				
		1st Range	2nd Range	3rd Range	4th Range	5th Range
GE-315-WD-15	15mm	3.3~4.4	4.4~5.9	5.3~7.2	6.0~8.1	8.4~11.3
GE-315-WD-16	16mm	3.3~4.4	4.4~5.9	5.3~7.2	6.0~8.1	8.4~11.3
GE-315-WD-22	22mm	5.8~7.8	7.8~10.6	9.4~12.8	10.6~14.4	14.9~20.1
GE-315-WD-28	28mm	9.1~12.3	12.2~16.5	14.7~19.9	16.6~22.5	23.2~31.4
GE-315-WD-35	35mm	14.8~20.1	20.0~27.1	24.1~32.7	27.3~36.9	38.1~51.5
GE-315-WD-42	42mm	23.2~31.4	31.3~42.3	37.7~51.0	42.6~57.6	59.5~80.5
GE-315-WD-54	54mm	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 GE-315 Series Target Water Flow Switch is a new type Paddle 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 paddle flow switch. When the micro switch is operating, it will not 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. CE certificate for the flow switch, UL certificate for micro switch.

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