

SNS-FLOW401

1/8" high precision water flow meter / water flow sensor



1/8" High precision water flow meter / water flow sensor with Hall effect pulse switch. Can be used in a coffee machine; a water dispenser; a water purifier flow meter; etc.

FEATURES

- Voltage range DC 5-18 V
- Maximum load current 15 mA(DC 5V)
- Operating Temp $\leq 80^{\circ}\text{C}$
- Operating humidity 35%-90%RH
- Max water pressure 0.35MPa
- Output Pulse High > DC 4.7V (5V DC input voltage)
- Output pulse low <DC 0.5V (input voltage DC 5V)
- Output pulse duty cycle $50\% \pm 10\%$
- Flow Range :0.3-6L / min
- Frequency: $F = 43 * Q$ (Q is flow L / min)
- 1 litter = output 5880 pulse

HARDWARE

- Red = +Vcc
- Yellow = digital OUTPUT
- Black = GND