DOOZEN
Specilize in Switch&Sensor

BX1

Compact Single Water Level Switch



Approved

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Summary

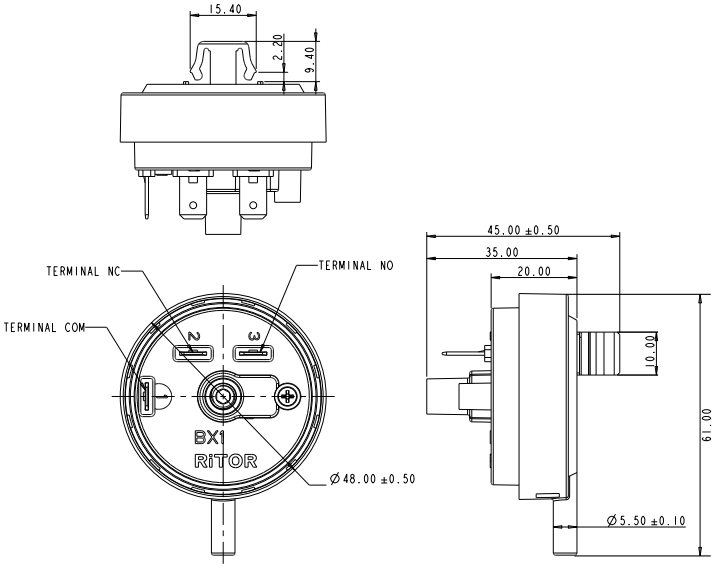
The BX1 water level switch is a water pressure detect device, used to control water level in appliances.

The main application is to control the level of water in appliances.

The BX1 switch consists of a moving diaphragm and disc which activate a snap action. The contact can be calibrated to trip and reset at the desired pressure levels, used in conjunction with a suitable designed air-trap, the device switches when the water level reaches the desired level.

Feature

- Customer Engineered Solutions
- Wide Variety of Pressure Medium
- High Current Capable
- Fixed & Adjustable Set Points
- Normally Open/Normally Closed
- Single Pole/Double Throw
- Historically Proven Reliability



Applications

- Medical Equipment
- Wash machines
- Dish washer
- Kitchen washing machine
- Bottle washing machine

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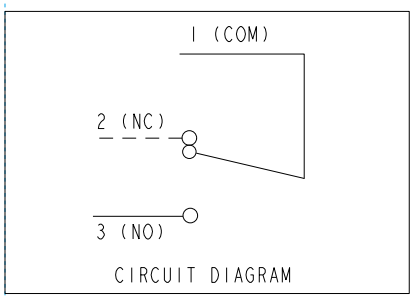
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Standard Specifications

Mechnical	
Body	Glass filled PA6
Diaphragm	Silicon
Terminals	Brass 6.3X0.8mm or 4.8X0.5mm
Contacts	Fine Silver or Golden plated
Switch Type	SPST-NO, SPST-NC, SPDT
Life	100,000 cycles
Max Operating Pressure	10 KPa (1.45 PSI)
Port connection	5.5 mm O.D
Functional	
Working pressure Range	0～1000 mm H_2O
Operating position	Diaphragm vertical or horizontal
Operating temperature	-20C to 85C
Deviation of Setting	+/-5 mm H_2O
Medium:	Air and neutral gases
Electronical	
Initial resistance	50 ,ohm Max
Amperage	From 0.1A to 16A
Voltage	24V DC or 125/250V AC



Setting Point	
Level 1	10~200mm H2O
Over flow	N/A

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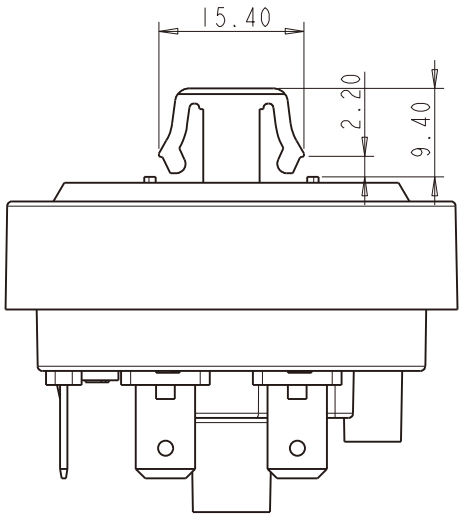
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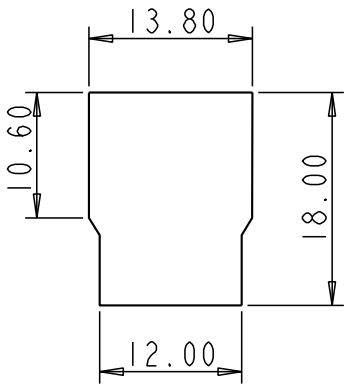
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Selection of mounting brackets





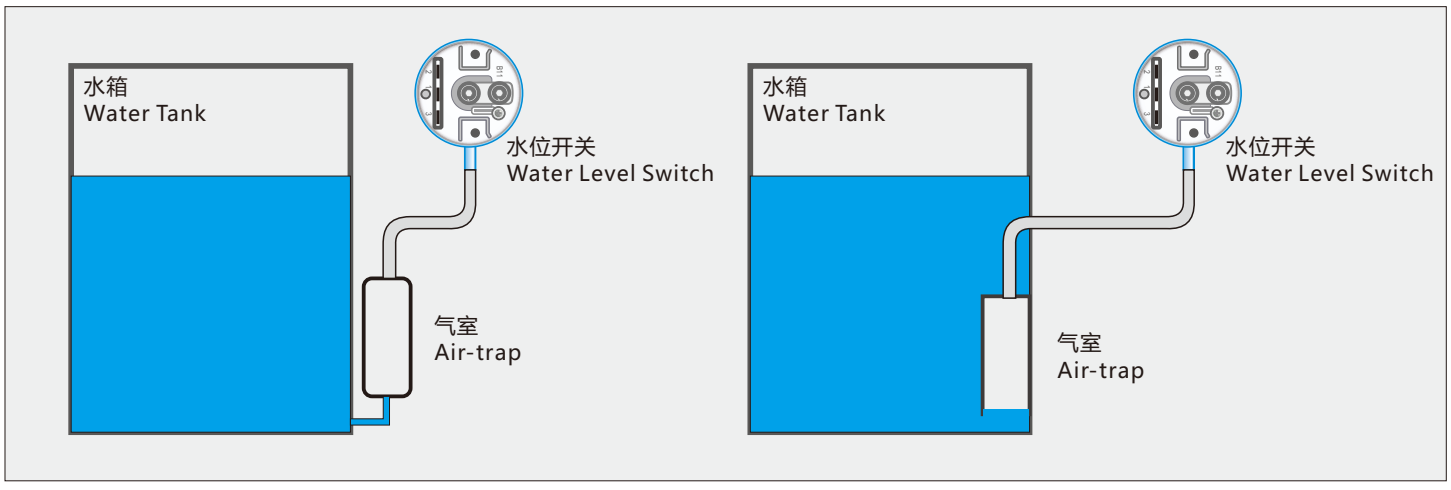
Recommended
Snap Hole Size

Metal sheet Thickness
0.7~1.2mm

Optional Features

An optional Orifice Restrictor on Negative Pressure Connector available

Install Recomandation



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