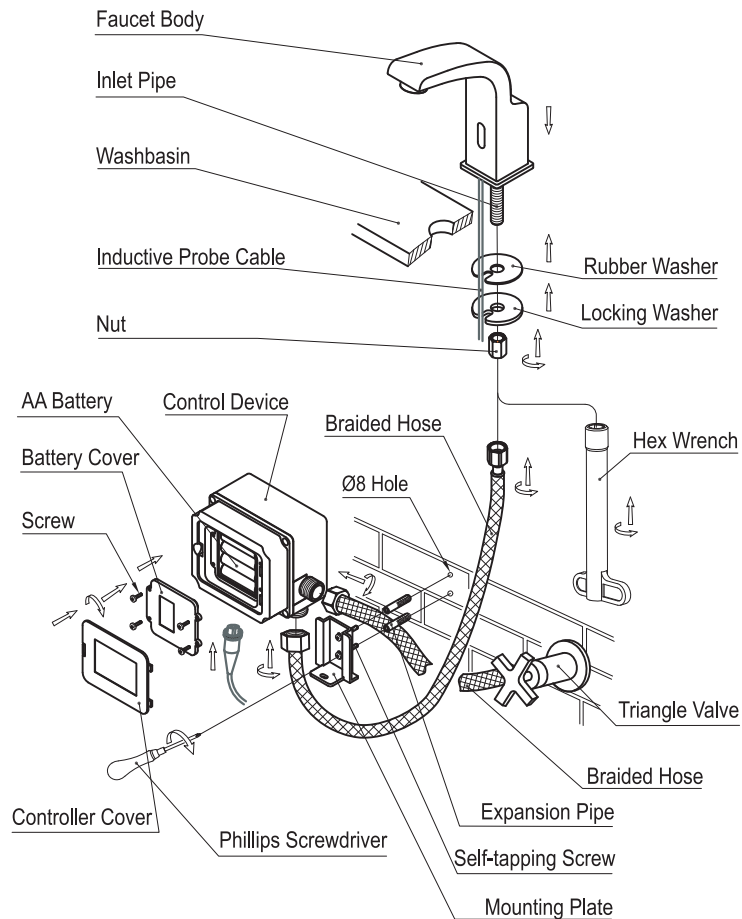


INSTRUCTION MANUAL

BS02281 226

■ Installation Schematic Diagram



I Installation Notice

1. Before installation, you should read the manual carefully and make a reasonable installation plan.
2. Floor drain should be installed in the location of the faucet.
3. Install the faucet only after the completion of house interior decoration in case paint or other chemicals erode the faucet surface.
4. Do not install the product under the sunshine to avoid mal-function of the inductive probe.
5. Do not place catoptrical things like mirror, stainless steel to the opposite wall of the inductive probe to avoid mis-operation.
6. Water immersion of this inductive probe is prohibited. Do not use unprocessed sewage water or water source that has too much foreign matter.
7. Check whether the threads can be matched. Otherwise, too strong force applied to the wrench will damage the faucet.
8. After installation, check all the joints to make sure they are firmly connected. Then keep water flow. Turn on and off repeatedly to ensure there is no leakage around the joints. At this stage, the product is ready for normal use.
9. Keep the manual to the user.

II Operation Notice

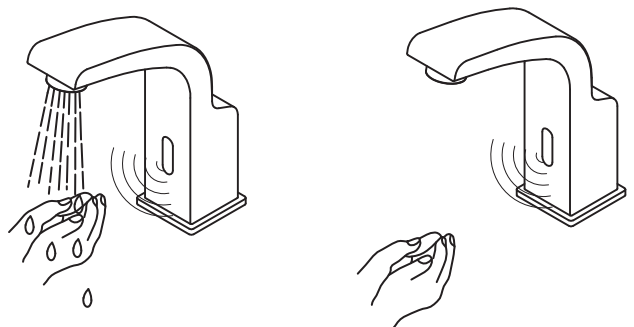
1. The product is used between cold water 4~45°C, water pressure 0.05~0.7MPa.
2. Do not hang heavy things on the faucet.
3. Always clean the surface of faucet to keep it bright. Attention: Please do not use inappropriate tools such as sharp brushes, rough sponges, scouring pads or corrosive detergent to clean the faucet, and we do not recommend that you use the detergent sold in the market, because its formula is changing frequently. Please clean the faucet by wet cloth and soapy water after each time of usage. Then rinse the soap out with clean water and dry with a soft cotton cloth.
4. When the room temperature drops to below 0°C, take necessary measures (such measures as keeping faucet warm and closing windows) to prevent the faucet from being frozen or even broken (especially when windows kept open for air ventilation while nobody resides in).
5. Do not disassemble the product unless you are an expert.

III Installing Steps

1. Remove the nut, locking washer and rubber washer from the water inlet pipe. Place faucet body and inductive probe cable through the washbasin hole. Reinstall all parts back and tighten them.
2. Tighten steel braided hoses to the inlet pipe of faucet body.
3. Open the controller cover and unscrew the battery cover with phillips screwdriver. Put 4 AA batteries in position and reinstall all parts back. (Make sure that the anode and cathode of battery is correct when you palce the battery. Different brands and recency battery can not be used together. Tighten four screws after placing to avoid wetting.)
4. Install the control device at a proper position where the steel braided hoses and inductive cable can be reached. Drill two Ø8 holes according to the holes of mounting plate. Insert expansion pipes and fix the mounting plate with self-tapping screws. Then fix the control device on the mounting plate.
5. Connect the triangle valve and control device with steel braided hoses.
6. Connect the hoses and inductive probe cable to the control device .
7. Check the installtion as following methods.

IV Usage method:

Open the triangle valve. When the user puts his hand to sensing range of faucet , the faucet will flow water automatically. When you retract your hands after washing the faucet will stop flowing water automatically.



V Technical Parameter

Power	DC 6V (4 AA battery)	Sensing Distance	25 cm
Water Pressure	0.05MPa~0.7MPa	Scope of Water Temperature	4℃~45℃

VI Troubles and Troubleshooting

Phenomena	Possible Reasons	Corrective Method	Phenomena	Possible Reasons	Corrective Method
No water out	Inductive window dirty	Clean inductive window	Could not stop water flow	Braided hose contrary connecting	Reconnect
	No water supply	Use when water supply		Water pressure too high or too low	Referred to specification table
	Electromagnetic valve blocked	Clean the valve		Dirty in valve	Clean valve
	Power supply is unstable	Replace battery or check AC power	Water rates low	Water pressure too low	Referred to specification table
	Water pressure too high or too low	Referred to specification table		Water rates too low	Adjust the triangle valve
Water drip happen	Dirty in electromagnetic valve	Clean valve	Inductive function does not work	Dirty in pipe	Clean the filter
	Water pressure too high or too low	Referred to specification table		Connection is not good	Check the connection
				Inductive head broken	Replace inductive head

VII Feature

1. Time-limit

The faucet will be shut off by itself to save water when the wash hour is more than 60s.

2. Power shortage reminder

When the battery is lack of electricity, It can remind you to palce a new battery automaticaly.

VIII Maintenance

1. Notice

- (1). When little water comes out, clean the filter net at the inlet end of the electromagnetic valve.
- (2). Please clean the inductive head if there is dirt on it. Be careful not to destroy the surface of the inductive head.
- (3). Life-span of battery is relative to frequency of usage. To protect controller, do not use poor quality battery.
- (4). When the battery is lack of electricity, the indicating lamp of inductive probe will twinkle every 3~4 seconds to remind you to place new battery.
- (5). Make sure that the anode and cathode of battery is correct when you palce the battery. Different brands and different recency battery can not be used together. Tighten four screws after placing to avoid wetting.



2. Clean the filter

Disassemble the steel braided hose which is connected with the inlet end of electromagnetic valve by wrench. Clean the filter net and then reassemble parts back.