



Hamburg - Germany

PHOTOCELL Washbasin mixer 503101XL

Sensor control washbasin mixer, battery operated, with external mixer valve under-mounted. The body is made of chrome plated brass. Components for the water temperature control and the electronic sensor are waterproof protected. Provided with an anti-vandal function which stops water from flowing if sensor is blocked. Easy to install and specially designed to allow simple maintenance.

POWER:

- **Model 503101XL:** Battery operation 4 x 1,5 V batteries type AA Lithium primary

Working Pressure: 1,5—6 bar

Water Temperature max: 0°C to 80°C

Angel of Sensor: 8°

Immunity to the light: 10.000 lux

Replay Timing: 600 ms

Closing timing: 5 ms (+/- 20%)

Security Timing: 50 Sec (+/- 20%)

Recognition Range: 10cm

Input: 1/2" connections

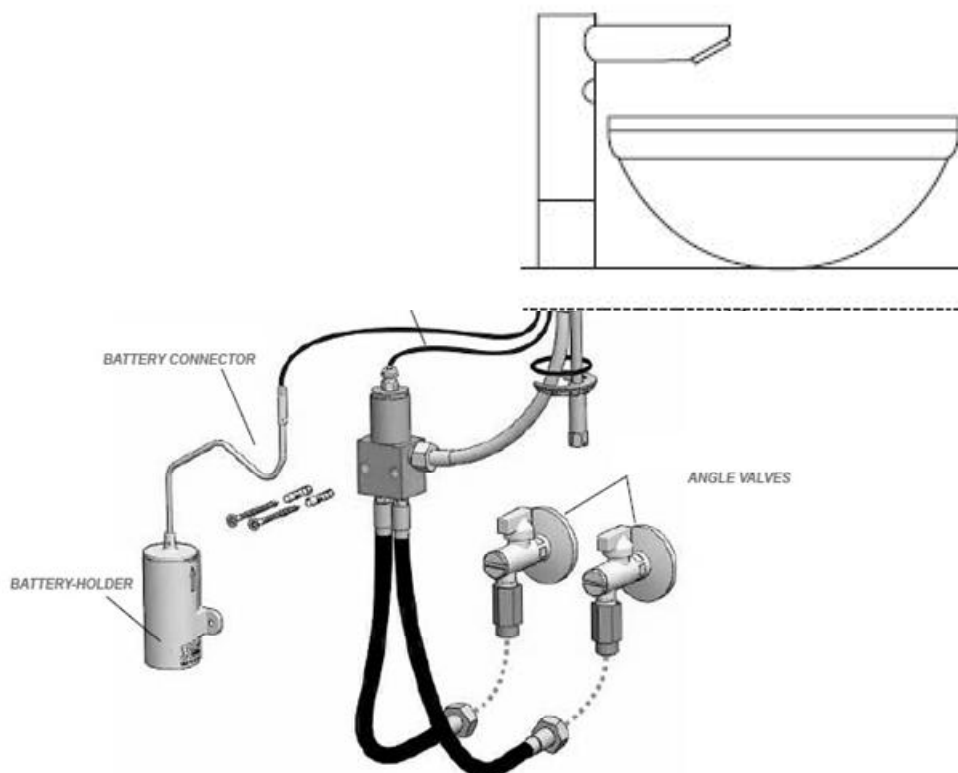


ATTENTION:

+ install a filter before the electro valve.

+ If the water pressure is above 5 bar, a pressure reducer is always recommended.

+ the good working of the tap is guaranteed when the water is without impurity. It is important to clean the supply pipes and to install a filter.





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Remarks:

1. Make sure that the sensor transparent protective film is removed prior to use.
2. Sensor cleaning has to be carried out exclusively with chemicals and/or abrasivesfree lint. Note that scratching or altering the sensor surface structure area during cleaning process or an improper use can operationally damage it, as well as all devices using IR technology.
3. It is recommended to keep the aerator and the inbound filters always clean, carrying out a proper maintenance and periodic cleaning.
4. Verify that the batteries are correctly inserted into their compartment according to the polarity indicated inside it and making sure to let the batteries slide into the slots.
5. When replacing batteries, use only 1.5 V lithium batteries type AA.
6. Insert the power connector, from the battery to the electronic power cable, following the outline of the graft. Failure or forcing the insertion may damage the electrical connection.
7. Do not twist the power connectors when inserting or extracting them.
8. Do not disconnect the power connectors acting on cables, but gently acting on the connectors themselves.
9. Make sure that the faucet inbound filters are clean, as the valve requires a 1Bar minimum input pressure to work properly. If there is not enough pressure from the hydraulic plant or filters are clogged, the valve may not close due to loss of pressure in the system at its opening.
10. In sporadic cases environmental interference may occur causing a malfunction of the product; in this case it is recommended to make a grounding connection of the tap itself.
11. When there is a mixing lever on the faucet and it freely rotates on itself, that means that it was non-properly forced. The repair of the product is required.

