

Description:

The sensor is intended for installing in stainless-steel sinks or urinals with wall thickness 1.5 mm maximum. It responds to the presence of an object in the scanned zone by an instantaneous start of water flow. After leaving the scanning zone, the water flow is stopped within approximately 1 second. The sensor is intended for a single water inlet. The electrical supply can be provided by an AC 20 V supply source (marking -Z) or from a 6 V battery (marking -X). The circuit contains a time fuse breaking the water flow after 1 minute approximately. The sensor sensitivity and time fuse are set by a remote controller GW 081 (not included in the shipment).

The product is intended for manufacturers of sanitary equipment (wash-basins, sinks, urinals).

Parameters:

Range	0,15 – 0,3 m
Work pressure	0,1 – 0,8 MPa
Water temperature max.	70° C
Power supply:	
Supply voltage	AC 20 V
Power consumption	1,2 W (at rest) 10,7 W (at switching on)

Electrical battery:

Supply voltage	6 V
Service life	5 years approximately (at 200 switchings a day)

Recommended accessories

GW 091Z	Supply source AC 20 V to supply max. 2 pcs of sensors at once
GW 092Z	Supply source AC 20 V to supply max. 4 pcs of sensors at once
GW 081	Remote control for setting up of the sensitivity and duration of time fuse
CRP 2	Lithium battery 6 V

Accessories

GW 091Z



GW 092Z



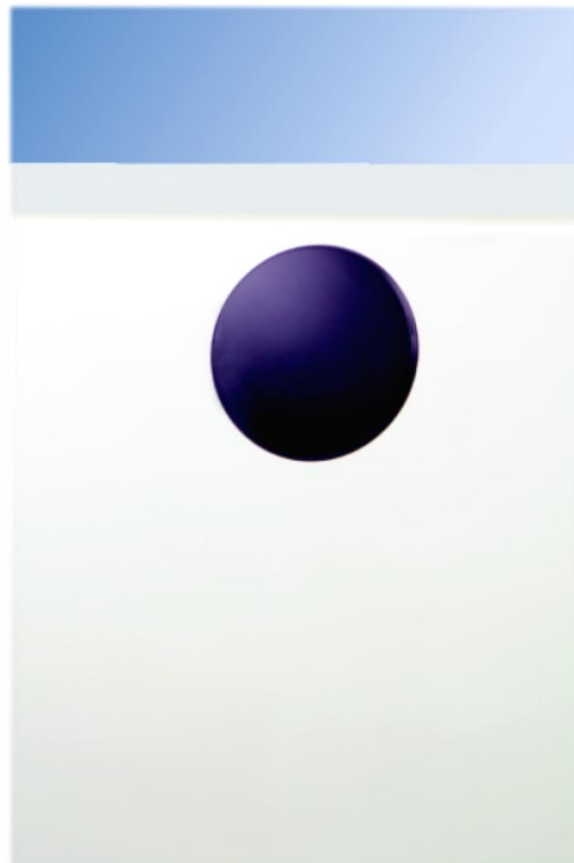
GW 081



CRP 2 battery



Examples of design



Assembling recommendations:

- A filter must be installed in the water intake
- Before connecting to the water distribution system, it is recommended to remove impurities and sediments in water distribution system by flushing (this would prevent possible damage to electromagnetic valve)
- A solenoid valve shall be connected between the water intake and the outlet arm
- The case with electronics shall be glued behind the sink with a double-sided adhesive tape, respective contacts of the solenoid valve and the supply voltage shall be interconnected
- The sensor sensitivity and duration of time fuse are set by a remote controller GW 081

Example of manufactured types:

GW 041AZ – sensor for sinks and wash-basins with supply from a source, an electromagnetic valve inlet and outlet 3/8"

GW 041AX – sensor for sinks and wash-basins with supply from a battery, an electromagnetic valve inlet and outlet 3/8"

GW 041BZ – sensor for sinks and wash-basins with supply from a source, an electromagnetic valve inlet and outlet 1/2"

GW 041BX – sensor for sinks and wash-basins with supply from a battery, an electromagnetic valve inlet and outlet 1/2"

GW 043AZ – sensor for sinks and wash-basins with supply from a source, an electromagnetic valve inlet and outlet 3/8"

GW 043AX – sensor for sinks and wash-basins with supply from a battery, an electromagnetic valve inlet and outlet 3/8"

GW 043BZ – sensor for sinks and wash-basins with supply from a source, an electromagnetic valve inlet and outlet 1/2"

GW 043BX – sensor for sinks and wash-basins with supply from a battery, an electromagnetic valve inlet and outlet 1/2"