Zonecheck is a device for the fast and functional testing of flow switches. It combines the flow switch and an automatic test system into one unit. Thus, the flow switch can be tested remotely while the sprinkler system remains ready for operation.

The functional test is easily carried out by one person without disturbing the environment and without any use of fresh water. Several flow switches can be activated from one local key switch or from a control panel. The functional test is conducted within 1 minute. The costly efforts made for the prescribed quarterly test of the flow switches will no longer arise.

Zonecheck is easily installed to the sprinkler pipework. The test system is delivered pre-assembled and available left or right handed, depending on the available space.

The installation of a zonecheck is reasonable wherever flow switches are required, especially in:
- Sprinkler wet systems for life safety protection according to VdS/CEA 4001, e.g. in theatres
- Sprinkler wet systems for multi-storey and high-rise buildings according to VdS/CEA 4001
- Complex sprinkler pipeworks

Zonecheck retrofit kit is available for existing systems already including flow switches.

- Simplified routine testing from a central location
- Test time maximum 1 minute
- Possibility of simultaneously testing of several flow switches
- Year on year cost savings
- Functional test without operating the sprinkler fire pump
- Closed water circulation without consumption of fresh water
- No corrosion development because no introduction of fresh water with a high oxygen content is brought into the sprinkler pipework
- Optional enhancement of the activation and identification of Zonecheck with MX loop technology

* Approvals related to DN50 to DN150
**Technical data**

- **Function**
  - When switching on a Zonecheck water in the system is pumped around the flow switch in circular movement, to simulate the release of water similar to one sprinkler head in operation. A light at the key switch or at the control panel verifies the activation of the flow switch.

- **Items delivered**
  - **Zonecheck**
    - Flow switch with grooved pipe length painted with red lacquer. Automatic testing device with pump, completely assembled
  - **Zonecheck Retrofit kit**
    - Automatic testing device with pump, spot-drilled clips
  - **Key switch or control panel to be ordered separately**

**Technical data**

<table>
<thead>
<tr>
<th>Nominal width</th>
<th>Zonecheck 450</th>
<th>Zonecheck 450 Retrofit</th>
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<td>Length (mm)</td>
<td>Width (mm)</td>
</tr>
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<tr>
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</table>

* Over-all dimensions

Detailed information can be found in the appropriate technical data sheets.