

Zonecheck

Safe for certain.

MINIMAX

Product

- ▶ 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 can be conducted within 2 minutes. 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.

System application

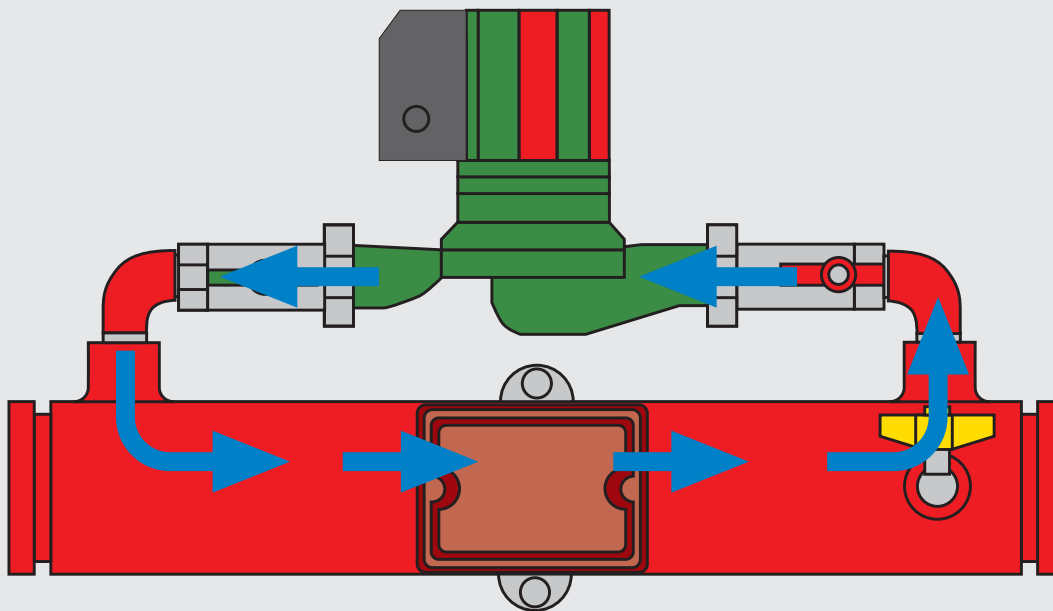
- ▶ The installation is reasonable wherever flow switches are required, especially in
 - ▶ Sprinkler wet systems for life safety protection according to VdS/CEA 4001, e.g. in theatres
 - ▶ Sprinkler wet systems for multi-storey and high-rise buildings according to VdS/CEA 4001
 - ▶ Complex sprinkler pipework
- Zonecheck retrofit kit is available for existing systems already including flow switches

Your advantages

- ▶ Simplified routine testing from a central location
- ▶ Test time down to 2 minutes
- ▶ Possibility of simultaneously testing of several flow switches
- ▶ Year on year cost savings
- ▶ Functional test without operating the sprinkler fire pump
- ▶ Closed water circuit without consumption of natural resources through verification and refilling of the system with freshwater
- ▶ 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



Functional principle



Waterflow direction
Sprinkler system

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.

Scope of supply

- ▶ 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

Maximum working pressure:
12 bar

Temperature range:
0° C to 49° C

Data of the electrical connection:

Pump 230 V/50 Hz/85 W/0.88 A
Flow switch 24 VDC / 2.5 A

Nominal width	Zonecheck			Zonecheck Retrofit	
	Length* [mm]	Width* [mm]	Height* [mm]	Length* [mm]	Width* [mm]
DN 65	650	340	300	600	295
DN 80	650	350	315	600	295
DN 100	650	380	340	600	295
DN 150	650	430	390	600	295

DN 50 and DN 200 on request.

* over-all dimensions. Technical alterations reserved.

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