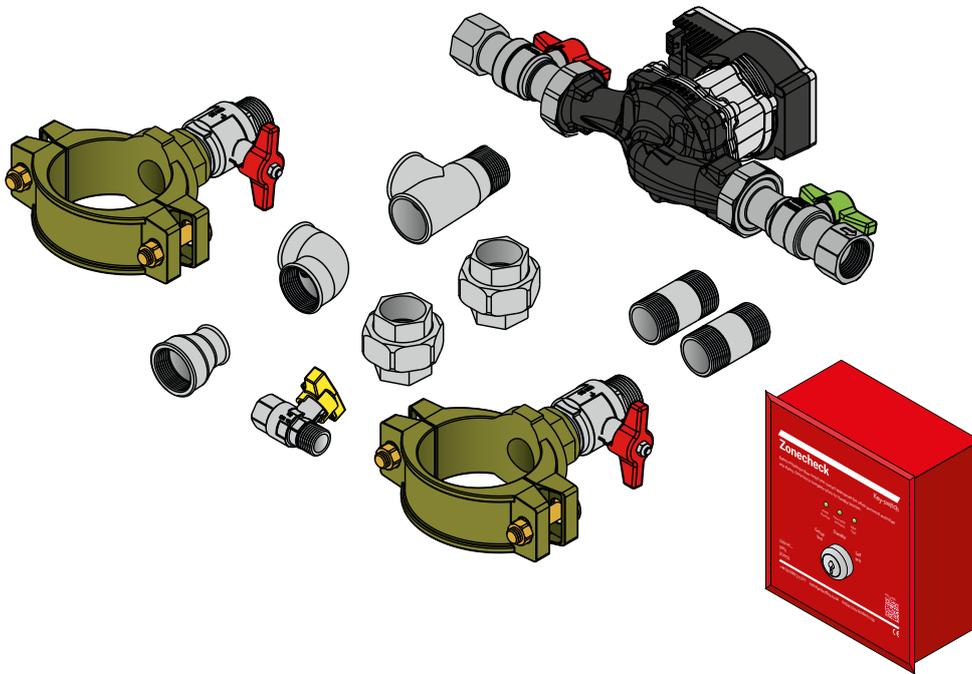


Data Sheet

LT-ZCLSA-DS-2/26-4

OVERVIEW

Zonecheck® is a closed loop system that re-circulates water to simulate sprinkler head operation and tests the flow-switch without discharging water. Zonecheck Live allows for retro-fitting 'around' an existing flow-switch without the need to drain down the system. The SA version of this product allows fitment where changes in pipe direction or other obstructions make it impossible to fit the standard Zonecheck Live version. This product is a kit of parts that may require additional pipe or fittings depending on application.



Specification

ZONECHECK

Working pressure rating	Water, 12 bar (175 psi) max
Operating temp range	0°C - 49°C (32°F - 120°F)
Mech tee diameter	50/65/80/100/150/200mm (2-8")
Approvals	LPCB, UL, FM and VdS
IP Rating	IPX4D

PUMP

Type	Wilo Para
Operating voltage	230v 50Hz
Amps	0.82A
Max power rating	75W
IP Rating	IPX4D

KEY-SWITCH

Voltage	230v 50Hz
Internal consumption	7.5W max
Amps	0.88A
LED indication	Pump running
	Flow-switch activated
	Valve fault (Optional)
Max key-switch group size	25
Max group cable length	300m
Product code (Order No.)	ZCKYSE
Spare key set (Order No.)	ZC-ALKK

Dimensions

Model	Pipe run x outlet (mm)	Weight (Kg)	Mech-Tee Bolt (mm)	Mech-Tee bolt (Torque Nm)	Shell Cutter (in")	Ø Hole Size (mm)
LT-P8-ZCSA50	50 x 25	7.6	M10	41	7/8"	Ø21.7
LT-P8-ZCSA65	65 x 25	7.9	M12	68	7/8"	Ø21.7
LT-P8-ZCSA80	80 x 25	8.7	M12	68	7/8"	Ø21.7
LT-P8-ZCSA100	100 x 25	9.3	M12	68	7/8"	Ø21.7
LT-P8-ZCSA150	150 x 25	14.2	M16	136	7/8"	Ø21.7
LT-P8-ZCSA50*	50 x 25	10.6	M10	41	7/8"	Ø21.7
LT-P8-ZCSA65*	65 x 25	10.9	M12	68	7/8"	Ø21.7
LT-P8-ZCSA80*	80 x 25	11.7	M12	68	7/8"	Ø21.7
LT-P8-ZCSA100*	100 x 25	12.3	M12	68	7/8"	Ø21.7
LT-P8-ZCSA150*	150 x 25	17.7	M16	136	7/8"	Ø21.7

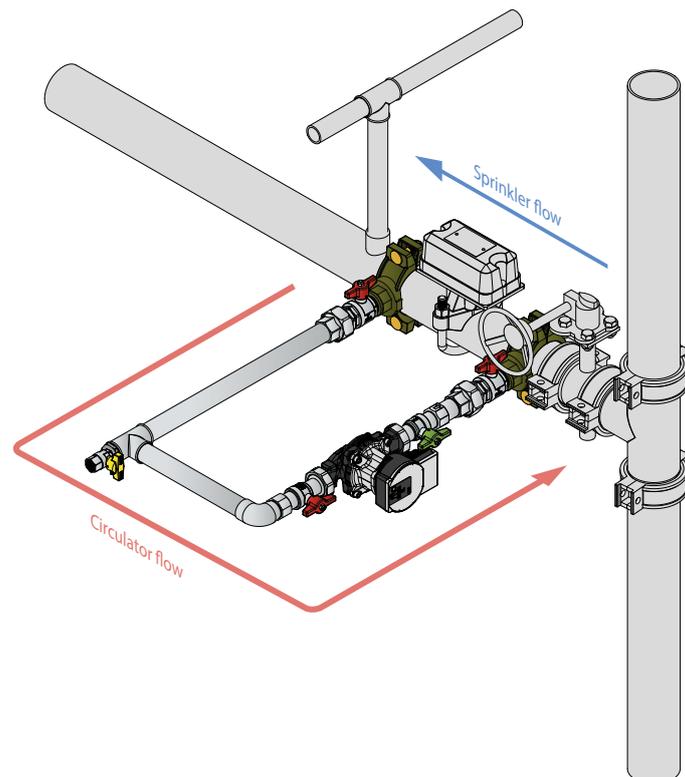
*PRE-WIRED VERSION

Orientation

Zonecheck can be installed both horizontally and vertically. Please check the directional arrows on the pump casting before installing. Pump flow should be opposite to the sprinkler systems flow.

When installing horizontally the flow-switch must face upwards and can not be installed facing sideways or below the pipe.

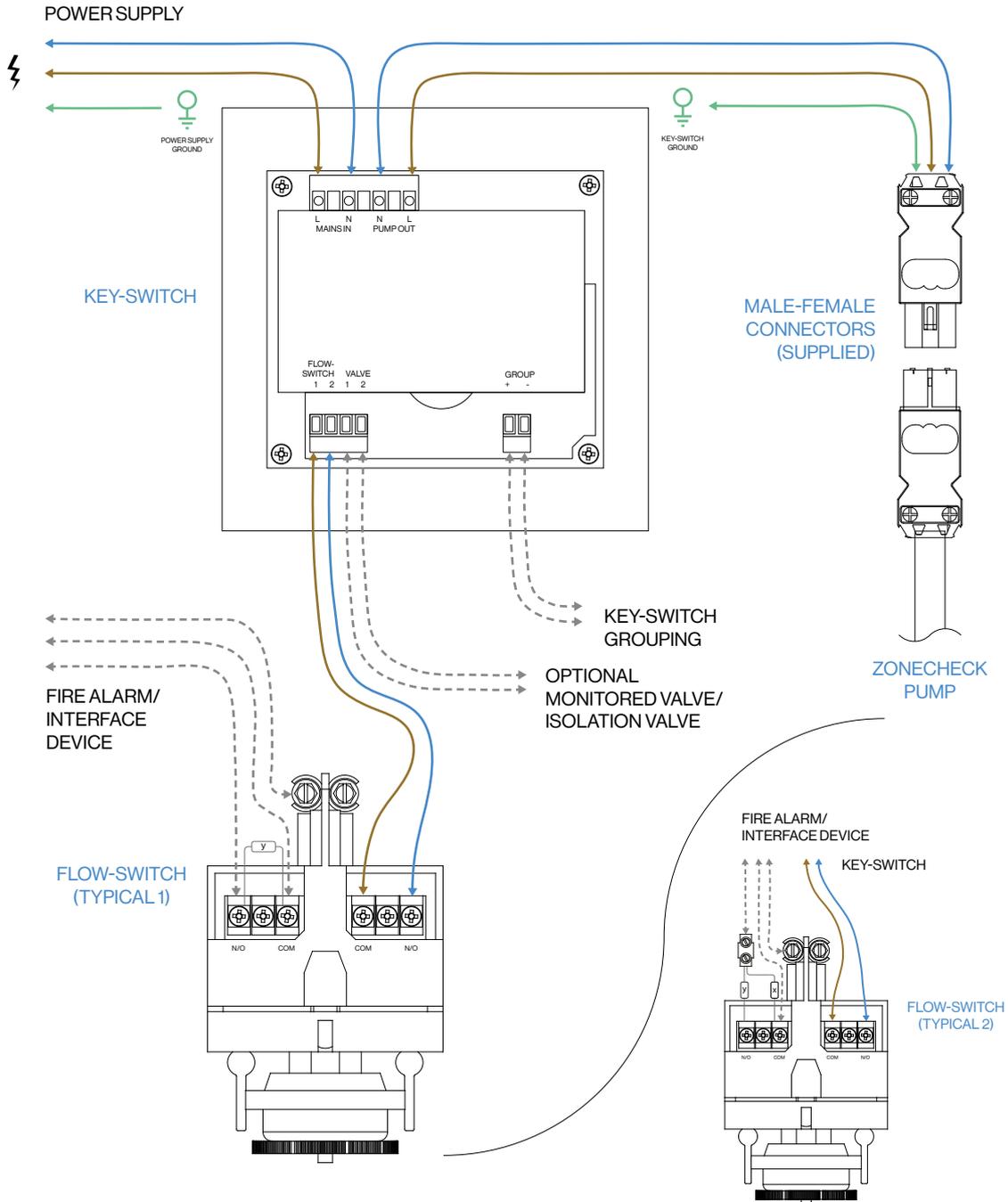
For Riser applications, make sure the pump flow runs opposite (downwards) to the sprinkler system.



Wiring

Typical fire-alarm/flow-switch connections. Exact wiring required depends on type of fire panel used. Refer to specific fire-alarm panel instructions for more information/guidance.

Resistors sized according to specific alarm-panel requirements.



100% water saving

Automated testing

Approved

Simplified testing method

Code compliant

Sustainable testing

No water discharge

UL Approved

Efficient

Designed and manufactured in the UK by Project Fire Products Ltd.

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 **PROJECT FIRE**