

## Anti-flood Sensor and Relay Water Flood Detector Flood Early Warning System

With a single device and four sensors  
Flood & flood monitoring and early warning control can be  
provided at all four levels simultaneously

### FLRC-04

#### Flood sensor and Control Relay Units



#### Main Usage Areas;

- In every environment that is not flammable and explosive;

#### In residences;

- Pipe bursts or faucets left open and water In every environment where there is a risk of pressing, bathroom, kitchen, etc. as in places...

#### In nature;

- Streams and flood beds with potential flooding and flood risk
- In coastal areas with tsunami potential

#### In industrial & agricultural environments;

- in water wells
- Liquid & Water Tank level control
- Liquid Pump pumping stations
- In waste water treatment plants
- water purification systems
- in drainage wells

...

monitoring and early warning control, control of valves or taps  
via solenoids can be provided.

Wired and wireless main control systems of the sensors are  
available. Warnings can be sent to users via the main control  
system and users can control the solenoids if necessary via the  
main control system.

Level control; In large and small storage tanks, level control  
operations are of great importance to prevent water overflow or  
to keep the level within the desired limits.

FLRC-04 can be used safely in this area as well.

The sensitivity setting on the DCS FLRC-04, it can easily be  
used in various conductive liquids.

DCS FLRC-04 does not apply a signal to the liquid to prevent  
electrolysis from occurring in liquids.

DCS FLRC-04 How to use in the field; Automatic control is  
achieved by sending a signal to the solenoid valve coil or the  
motor contactor with the relay output.

In addition, if necessary, it is possible to receive signals or light  
warnings via additional relays for alarm purposes. It is possible  
to control this circuit manually with an additional button.

### Technical data ;

Operating Voltage: Please see device labels (220 VAC - 12- 24  
VAC, 12-30VDC 3A)

Operating voltage range: 150-300V AC

Operating frequency: 50 Hz

Power consumption (Max): 2.5VA

Upper - Lower electrode sensitivity setting: Adjustable (0 - 100  
KOhm)

On - Off delay: 1sec fixed

Setting accuracy: + or -5%

Output Relay: 5A 250V AC

Working temperature: -10 ° C ... 50 ° C

Cable Cross Sections: 2.5 mm2 multi core

Mounting Type: Rail type, to the clamp rail

Protection Class: IP20

### Warnings for Safe Use and Installation;

If the following safety conditions are not observed  
can result in injury and death situations may arise.

-This relay cannot be used in flammable and explosive liquids.

-Check the cable connections before operating the device.

-Before any operation on the device, cut off all supply voltages.

-Do not remove the front panel while the device is connected to  
the mains.

-If you encounter a problem on the device contact your  
authorized dealer