



**EWLD-1224  
Flood Detector  
User Manuel**



**WARNING: READ THESE INSTRUCTIONS CAREFULLY  
BEFORE OPERATING OR SERVING THE APPLIANCE.**

## 1. Description

It is used to measure the presence of conductive liquids against flooding, to control water leaks for such places like homes and workplaces, ships and boats, factories, warehouses and garages and in such places where there is a risk of flooding areas.

Detects flooding when all kinds of conductive liquids come into contact with the electrodes on it; with the alarm status, the buzzer on the device is activated, the red LED lights up and the relay output turns on.

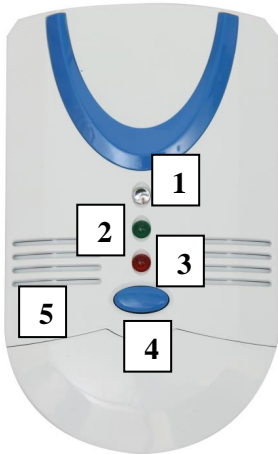
However, if this liquid contact situation disappears, the detector returns to its initial position, that is, to its calm state.

## 2. Specifications

Supply Voltage	:	12 VDC / 24 VDC	:	48 VDC
Supply Current	:	55 mA / 40 mA	:	40 Ma
Power Consumption	:	0,7 W / 1 W	:	2 W
Tranquility Current	:	5 mA / 4 mA	:	4 mA
Alarm Relay	:	7A @ 230VAC 50 Hz		
Sound Level	:	85 dB/ 1m		
Power/Alarm/Failure Indicators	:	Green(Blink-ok) /Red(Alarm)		
Protection Class	:	X2D		
Operating Temperature	:	(-10 <sup>0</sup> C ~ 50 <sup>0</sup> C)		
Relative Humidity (Max.)	:	95%		
Weight	:	140 gr.		
Dimensions	:	135X80X40 mm.		
Enclosure Material	:	ABS		

### 3. Functions:

#### 3.1 Functions and Indicators

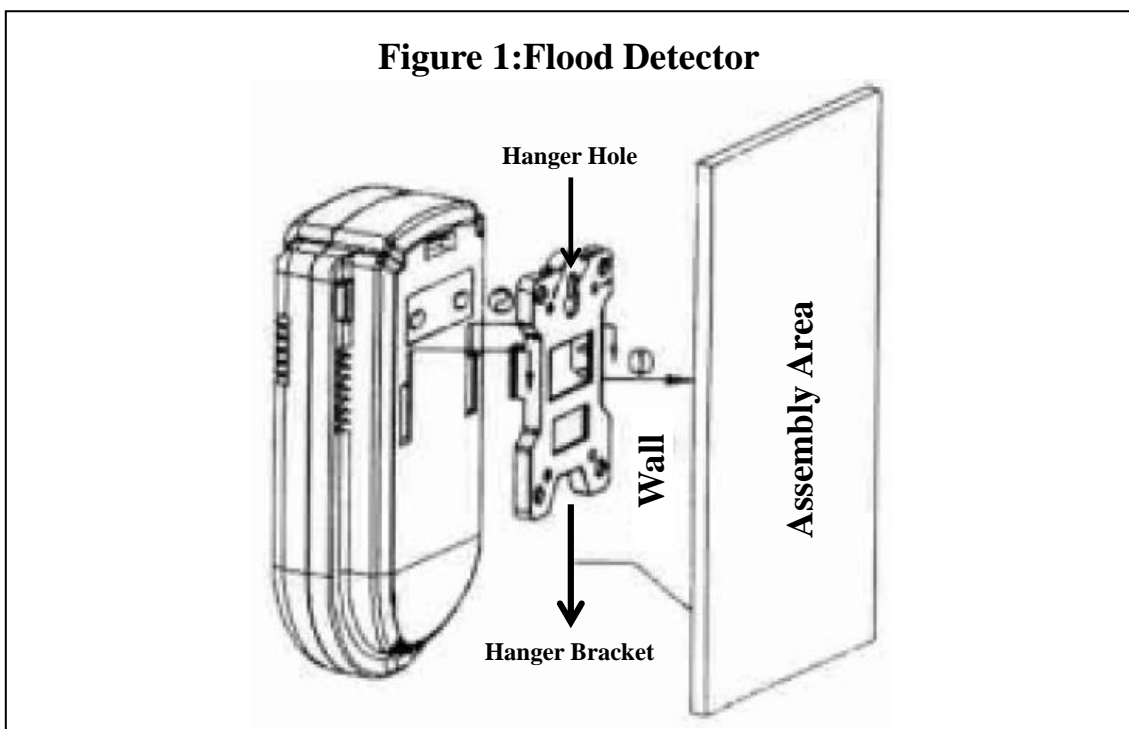


1	Dysfunctional
2	POWER LED (GREEN Red)
3	ALARM LED (RED Red)
4	TEST Button: Push The Test Alarm Button
5	Air Holes

### 4. Installation: (The device must be installed by a certified person.)

When determining the location of the device, it should be installed in a place that will not be affected during the flood. The sensor, on the other hand, should be mounted on the area that will first contact the water during flooding. After the device is installed, the distance between the sensor and the sensor can be 1.5 meters.

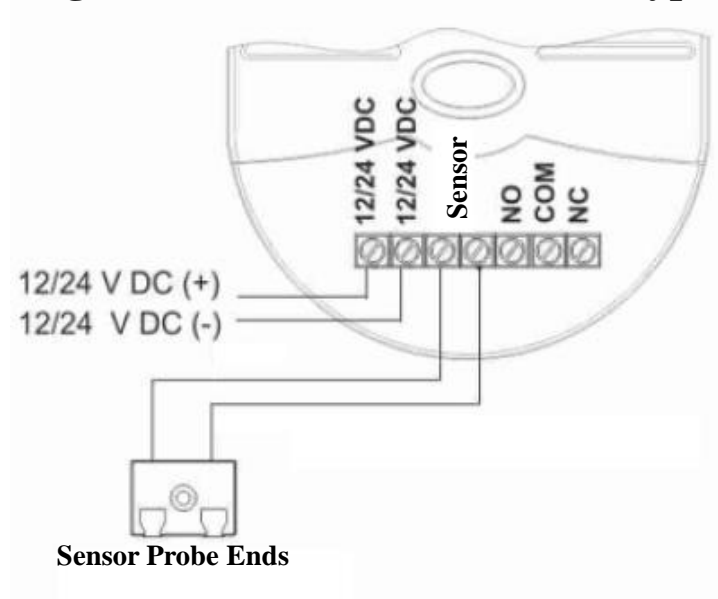
Select a suitable mounting area according to the situation indicated in Figure 1. Attach the hanger to the surface of the wall with M3 or M5 screws. Then connect the device with the hanging apparatus.



## 5. Cabling

Make the connections to the Contact Part of the device. Energize the device. See that the green LED (Power) is lit. After assembly and cable connection, it can be tested by pressing the Test Button. Then test the sensor with water.

**Figure EWLD-1224 Connection Type**



## 6. Warning

- It can only be used indoors.
- When the product is energized, if there is water in the area where the sensor is placed, it will be alarmed.
- The sensor should be installed in a position where absolute flooding can occur.
- Cable replacement and extension is not recommended.
- The correctness of the terminal connections should be checked and the operability should be ensured by testing the sensor at least once.

## **Button Operation**

Test Button: As if there is a detection situation, by pressing the test button of the detector, the device is given a false alarm.

## **Product Care**

Use a slightly damp cloth to clean the device.

## **Product Features**

- Advanced electronic designed to detect water leaks accurately,
- DC power input,
- Easy assembly and maintenance,
- Fully automatic operation,
- Detector case design is ergonomic,
- Relay output is 7A @ 240VAC and 10A @ 120VAC,
- Test button,
- Visual warning feature with Green LED (flash) when the system is active and Red LED in case of alarm,
- Up to 60 hours alarm feature,
- Optional 48V available (EWLD-1224-48),
- Maximum 500 meters cable sensing distance,
- Stainless Sensor,
- Durable chassis structure,
- 85/db sound level,
- Sensor cable length is 1.5m.

## Warranty Certificate

1. The warranty period starts from the delivery date and is 2 (two) years.
2. The entire product, including all parts, is under the guarantee of our company.
3. In case of malfunction of the product within the warranty period, the period of repair is added to the warranty period. The repair period of the goods is maximum 30 (thirty) business days. This period starts from the date of notification of the goods to the service station, or to one of the seller, dealer, agency, representative, exporter or manufacturer, respectively, if there is no service station.
4. In case of malfunction of the product due to material and workmanship or assembly faults within the warranty period, it will be repaired without any demand under any other name, such as labor cost, replacement part cost, or any other name.
5. For this product
  - From the date of delivery, within 1 (one) year, provided that it remains within the warranty period, the continuity of the inability to benefit from the product as a result of the same failure being repeated more than 2 times or different failures occurring more than 4 times,
  - Exceeding the maximum time for repair,
  - In case the service station is not available, in case it is determined that the repair of the fault is not possible with a report to be prepared by one of the dealers, dealers' agents, representatives, importers or manufacturers, respectively, a replacement will be made free of charge.
6. Defects resulting from the use of the product contrary to the terms in the user manual are not covered by the warranty.
7. For problems that may arise regarding the warranty certificate, they can apply to the Ministry of Industry and Trade, General Directorate of Protection of Consumer and Competition.

In the use of this guarantee certificate; Pursuant to the Law on the Protection of the Consumer No. 4077 and the Regulation on the Implementation Principles of the Warranty Certificate, which was put into effect on the basis of this law, T.R. Singing. Trade It has been prepared in accordance with the following documents obtained from the Ministry of the General Directorate of Protection of Consumer and Competition. Date 18.12.2007 Document No. 47086



TURKISH REPUBLIC  
MINISTRY OF INDUSTRY AND TRADE OF PROTECTION OF  
CONSUMER AND COMPETITION  
GENERAL DIRECTORATE  
**WARRANTY CERTIFICATE**

**Approval Date and Number of Document:**

In the use of this document; Permission has been granted by the Republic of Turkey General Directorate of Protection of Consumer and Competition pursuant to the Law No. 4077 on the Protection of the Consumer and the Regulation on the Implementation Principles of the Warranty Certificate, which was put into effect on the basis of this Law.

**MANUFACTURER / IMPORTER**

**TITLE** : Eleks Electric Electronic Systems Industry and Trade Limited Company  
**ADDRESS** : Şerifali Region Bayraktar Avenue Emin Str. No:3 Yukarı  
Dudullu - Umraniye / ISTANBUL  
**PHONE** : 0216 463 47 28 -29 -30  
**FAX** : 0216 463 47 31

**COMPANY AUTHORITY**

SIGNATURE-STAMP

**THE PRODUCT'S**

**TYPE** : FLOOD DETECTOR  
**BRAND** : ELEKS  
**MODEL** : EWLD-1224  
**BANDROLE AND SERIAL NO** :  
**DELIVERY DATE AND PLACE** :  
**WARRANTY PERIOD** : 2 (TWO) YEARS  
**MAXIMUM REPAIR TIME** : 30 WORKING DAYS

**THE SELLER'S**

**TITLE** :  
**ADDRESS** :  
**PHONE** :  
**FAX** :  
**FAX INVOICE DATE AND NO** :

**DATE-SIGNATURE-STAMP**

# AUTHORIZED SERVICE

MANUFACTURER / Headquarters Service

PRODUCER COMPANY / SERVICE CENTER

TITLE : Eleks Electric Electronic  
Systems Industry and Trade  
Limited Company


ADDRESS : Şerifali Region Bayraktar  
Avenue Emin Str. No:3  
Yukarı  
Dudullu - Umraniye /  
ISTANBUL

PHONE : 0216 463 47 28 -29 -30

FAX : 0216 463 47 31

E-mail : [eleks@eleksyangin.com](mailto:eleks@eleksyangin.com)

Web : [www.eleksyangin.com](http://www.eleksyangin.com)

	TS EN 6100-6-2, TS EN 61000-6-3 Flood Dedector EWLD-1224 Performance declaration number : Ask it from the manufacturer
-------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------