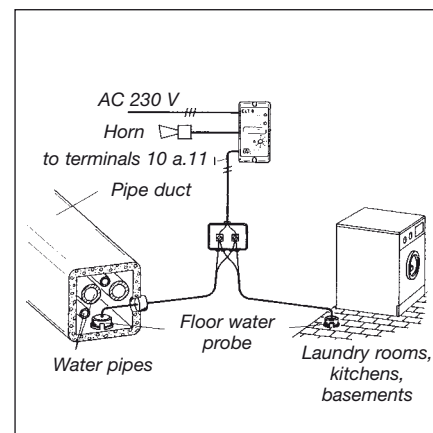
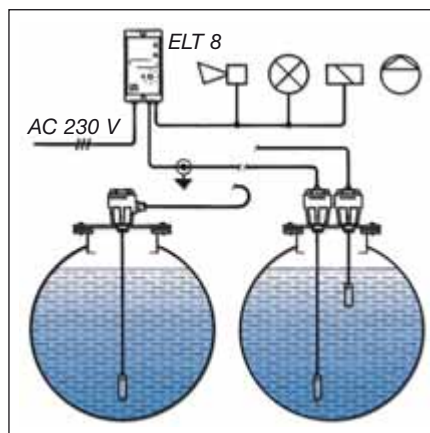


# Conductivity level switch CoFox® ELT 8



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## Application

Designed for use with electrically conducting liquids which do not foam excessively, are not highly viscous or adhesive (bridging), e.g. water, emulsions or waste water. Also suitable as a water alarm in conjunction with floor water probe BWS 11.

## Description

The CoFox® ELT 8 level controller operates on the basis of conductivity. The following functions can be selected:

- Level switch
- Level control for filling
- Level control for emptying

The sensitivity is adjustable.

2 voltage-free changeover contacts are provided for switching functions. The units feature LED's for „normal“ operation and „alarm“.

## Switching functions

### Level switch

The built-in relay can be pre-set to either energise or de-energise when the probe is in contact with the liquid. Sensitivity must be adjusted according to the conductivity of the liquid.

### Level control for filling

A minimum of 2 probe rods are required. Set internal switch to „max“ (H). The relay energises when the min. probe loses contact with the liquid. The relay de-energises when the liquid reaches the max. probe.

## Level control for emptying

A minimum of 2 probe rods are required. Set internal switch to „min“ (L). The relay energises when max. and min. probes are in contact with the liquid. The relay de-energises when the min. probe loses contact with the liquid.

## Technical specifications

### Adjustment range

2,5–50 kOhm (400–20 µS)  
Fully adjustable

### Operating temperature range

Ambient: -10 °C/+60 °C

### Supply voltage

AC 230 V

### Power consumption

4 VA

### Probe circuit

Max. AC 3 V

### Relay outputs

Relay contact: 2 voltage-free changeover contacts  
Contact rating: AC 250 V 500 VA  
DC 12 V 1 A

### Visual indication

Green LED normal operation  
Red LED alarm condition

### Fail-safe mode

Integrated selector for min. or max. fail-safe mode (low/high)

## Housing

Wall mounting housing with plug-in base, impact resistant plastic (ABS)  
W x H x D: 53 x 113 x 108 mm

## Protection

IP 30 (EN 60529)

## Options

- Supply voltage DC 24 V

## Probes

The probes are not included. Please order separately (refer to pages 45, 46)!

Select according to the operating conditions. Special customer-specific probes are available in addition to the standard probes.

Version	DG	Part no.	Price €
ELT 8 AC 230 V	E	53503	
ELT 8 DC 24 V	E	53503A	
Accessories			
Alarm reset unit AQ 220	E	53230	
Combined alarm light and korn	G	61020	
Cable extension fitting KVA	G	40041	