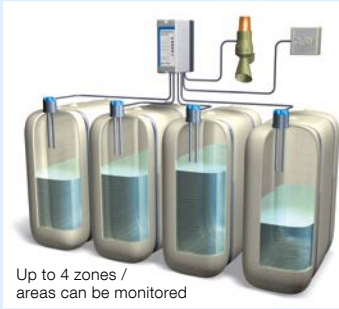


# Conductivity alarm unit

## CoFox® ELT 500/4



- For conductive media such as water, waste water, emulsions and many more
- With visual alarm and Reset button
- Relay contact for connection of additional alarm equipment
- Up to 4 zones can be monitored



5

**Application** Suitable for use with electrically conductive liquids which do not foam excessively, are not viscous and not adhesive (bridging), e.g. water, emulsions or waste water. Ideal for generating alarms in large installations and facilities. Several zones (also large areas) can be monitored simultaneously with electrodes (probes) at various points.

**Description** Wall mounting housing with visual alarm, operation indicator and Reset button. The CoFox ELT® 500/4 level controller operates on the basis of conductivity. The electrodes connected to the control unit monitor the status at several points. When one or several electrodes are bridged, the red LED belonging to the corresponding electrode circuit is switched on. For fast and precise location of the leak, a label is provided for each LED. A common voltage-free relay contact can be used to control separate alarm devices (e.g. alarm light or horn). The function is only activated by electrode signals which are longer than 1 second in duration. The alarm is saved and cannot be reset for the duration of the signal. The alarm condition must be cleared before the alarm can be reset by means of the Reset button on the device.

**CoFox® ELT 500/4** can be cascaded for large area monitoring from a centralised location.

**Technical specifications**

**Probe connections**  
4 probes

**Zone monitoring**  
4 input circuits

**Response threshold**  
50 kOhm

**Operating temperature range**  
Ambient: -10/+50 °C

**Supply voltage**  
AC 230 V

**Power input**  
3 VA

**Probe circuit**  
Max. AC 3 V

**Switching output**  
Relay contact: 1 voltage-free changeover contact  
Contact rating: AC 250 V, 2 A

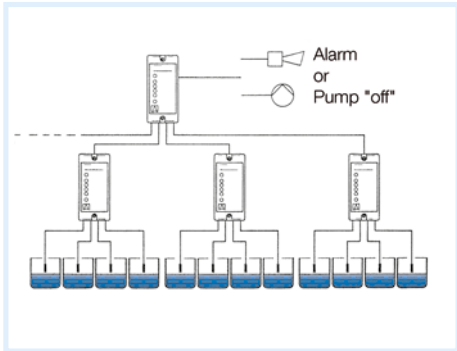
**Visual indication**  
Green LED: Mains operation  
4 red LEDs: Alarm condition

**Housing**  
Wall mounting housing with plug-in base made of impact-resistant plastic (ABS)  
W x H x D 53 x 113 x 108 mm

**Degree of protection**  
IP 30 (EN 60529)

**Scope of delivery**  
Level switch without probe

**i** See page 322 for probes for level switches.



Version	DG	PG	Part no.	Price €
<b>ELT 500/4</b> AC 230 V	H	4	<b>53505</b>	
Accessories				
<b>Additional alarm unit ZAG 01</b>	H	4	<b>40633</b>	
<b>Combined warning light and horn</b>	G	4	<b>61020</b>	
<b>Cable extension fitting KVA</b>	G	1	<b>40041</b>	

Blue part no. = in-stock items