

LA-1.1 and LA-1.4

## Electronic controllers series LA<sup>®</sup>

### Version LA-1.1, LA-1.4

- **2 mounting types**
- **Line break supervision**
- **2 potential free change-over contacts**
- **Configurable alarm reset**
- **LED's for displaying operational and fault status**
- **For max. 100m sensor cable as standard**
- **Switching point adjustable**

#### Application

The **LA-1..** electronic controllers serve to feed and distribute the signals of the liquid alarm sensors **LA1S** and **LA25S**.

#### Description

Two mounting types are available, wall-mounting **LA1.1** and rail-mounting **LA1.4**.

A line break supervision is integrated for sure operation.

There are two LEDs for displaying operational and fault status as well as two potential-free changeover contacts with "safety-first" switching action for sure alarm signalling. The electronic controllers are equipped with an alarm reset that may be activated or deactivated. During delivery, it is not activated.

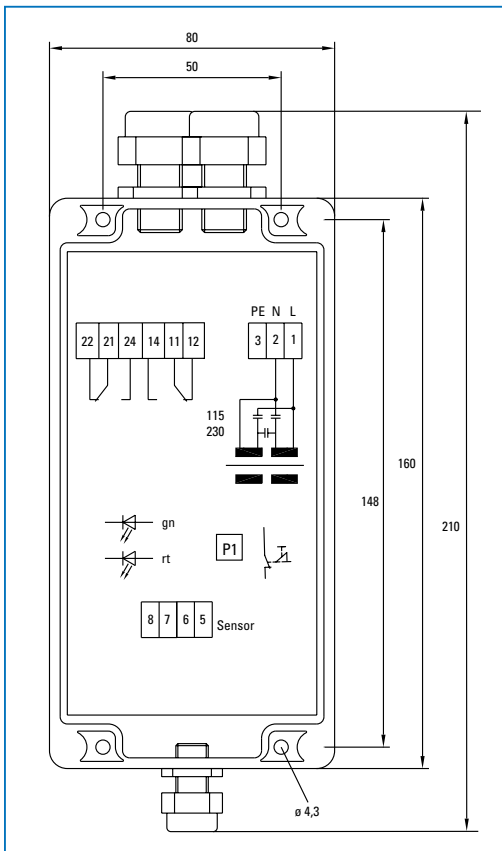
By using one of the contacts, a pump or a solenoid valve in the gas conditioning system can be switched directly and the second contact can be used as a status alarm.

The switching point of the electronic controller **LA-1..** is adjustable via a potentiometer. At works, a standard alignment is made.

The special electronic controller **ER142 Exi** (Part no.: **03E2009/a**) without line break supervision is for the intrinsically safe feeding of the **LA 1** and **LA 25** sensor (old series!) located in a hazardous area.

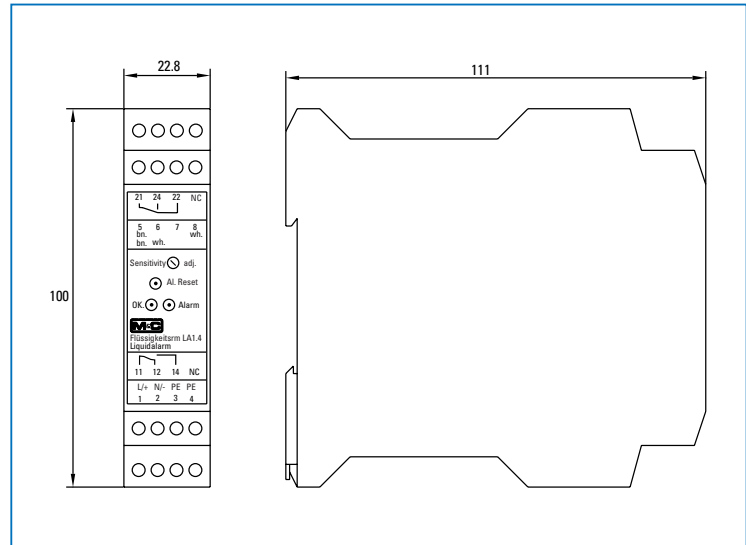
## Dimensions

### LA 1.1 in wall mounting housing



Dimensions in mm

### LA 1.4 in rail mounting housing



## Technical Data

Electronic controllers type	LA-1.1	LA-1.4
<b>Part Number</b>		
230V 50/60Hz	03 E 2001*	03 E 2006
115V 50/60Hz	03 E 2001*	03 E 2006 a
24V DC	03 E 2001 d	03 E 2006 d
24V AC	03 E 2001 b	03 E 2006 d
<b>Mounting</b>	Wall mounting housing	Rail mounting housing EN 50022
<b>Sensor inlets</b>	1	
<b>Power consumption</b>	2 VA	1VA
<b>Alarm-relay (2x MC/NC/NO) contact rating</b>	250V DC/AC DC=50W, AC=500VA, 3A	250V AC/DC DC=45W, AC=500VA, 2A
<b>Cable inlet</b>	1x terminals 3mm - 6,5mm 2x terminals 5mm - 10mm	
<b>Electrical connection</b>	terminals max. 2,5 mm <sup>2</sup>	
<b>Adjustment of switching point</b>	via potentiometer after opening of housing	via potentiometer in the housing front
<b>Distance between sensor and electronic LA-1..</b>	max. 100m	
<b>Line break supervision</b>	yes	
<b>Alarm reset**</b>	yes	
<b>Protection type</b>	IP65 EN60529	IP20 EN60529
<b>Housing material</b>	Polycarbonate	Macrolon
<b>Ambient temperature</b>	-25 °C to +60 °C	
<b>Dimensions</b>	B 80xL 160xH 55 mm	B 22,8 x L 100 x H 111 mm
<b>Weight</b>	0,31 kg	0,23 kg

\* Reversible distribution voltage 230V 50Hz / 115V 60Hz, at works adjusted to 230V 50Hz.

\*\* at works deactivated