



LA-1.1, LA-1.4

Electronic controllers series LA®

Version LA-1.1, LA-1.4

Special Features

- 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.

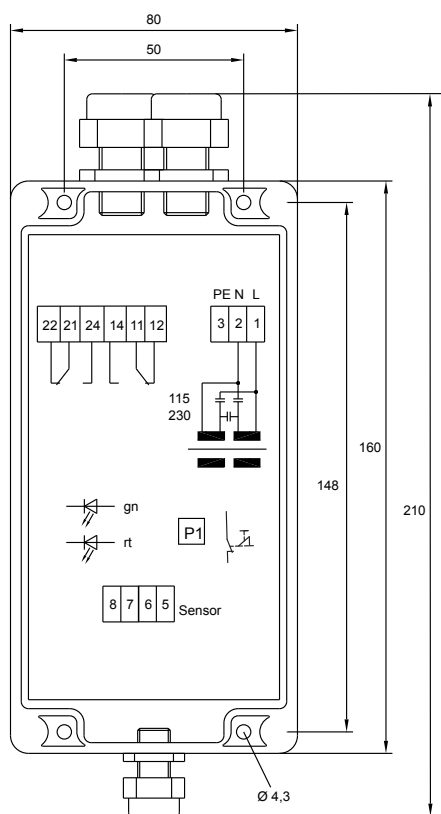
By using one of the contacts, a pump or a solenoid valve in the gas conditioning system can be switched directly and the second contact can be used as a status alarm.

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

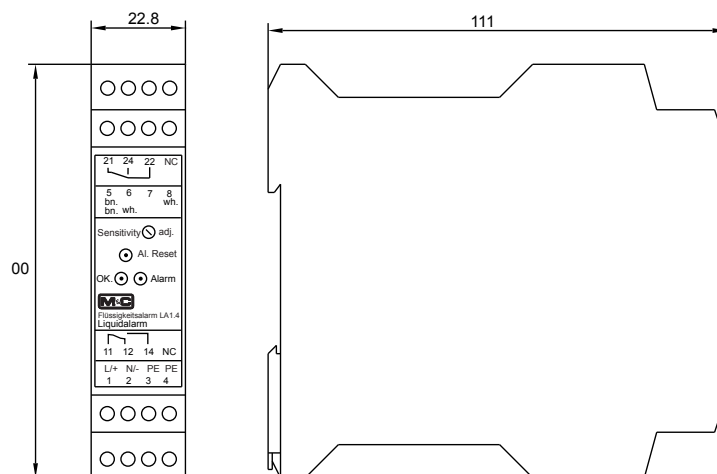
The special electronic controller ER142 Exi (Part no.: 03E2009/a) without line break supervision is for the intrinsically safe feeding of the LA 1 and LA 25 sensor (old series!) located in a hazardous area.

Dimensions

LA 1.1 in wall mounting housing



LA 1.4 in rail mounting housing



Dimensions in mm

Technical Data

Electronic controllers type	LA-1.1	LA-1.4
Part Number		
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
Mounting	Wall mounting housing	Rail mounting housing EN 50022
Sensor inlets	1	
Power consumption	2 VA	1VA
Alarm-relay (2x MC/NC/NO)	250V DC/AC	250V AC/DC
contact rating	DC=50W, AC=500VA, 3A	DC=45W, AC=500VA, 2A
Cable inlet	1x terminals 3mm - 6,5mm 2x terminals 5mm - 10mm	
Electrical connection	terminals max. 2,5 mm ²	
Adjustment of switching point	via potentiometer after opening of housing	via potentiometer in the housing front
Distance between sensor and electronic LA-1..	max. 100m	
Line break supervision	yes	
Alarm reset**	yes	
Protection type	IP65 EN60529	IP20 EN60529
Housing material	Polycarbonate	Polyamide PA 6.6 combustibility class VO (UL94)
Ambient temperature	-25 °C to +60 °C	
Dimensions	B 80xL 160xH 55 mm	B 22,8 x L 100 x H 111 mm
Weight	0,31 kg	0,23 kg

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

** at works desactivated