

BEZBEDNOŠNA TEHNOLOGIJA
ZA ZAŠTITU ŽIVOTNE SREDINE

SAFETY AND
ENVIRONMENTAL
TECHNOLOGY

E.L.B.
FÜLLSTANDSGERÄTE

Alarm-indikator (Merni transduktor) OAA-100.A1

Alarm Indicator (Measuring Transducer) OAA-100.A1

Naši alarm-indikator tipa OAA-100.A1 su samostalni signalni uređaji sa optičkim i akustičnim indikacijama za alarm. U kombinaciji sa senzorom nivoa tečnosti (na primer. T-200.F...) i detektorom za isticanje (na primer. T-200.L...) OAA-100.A1 može biti korišćen kao lokalni uređaj za nadgledanje rezervoara. OAA-100.A1 beleži limitne vrednosti signala vezanog senzora nivoa / detektora isticanja i oslobadja akustični signal (prihvatljivo) i optički signal (neprihvatljivo). Prema EN50 227 (Namur), uređaj je opremljen nadgledanjem kvarova na otvorenom kolu i kratkih spojeva. Svaki ulaz ima plutajuću promenljivu vezu (ima isti princip rada kao "lampa") kao dodatni izlaz za izvođenje kontrole, na primer. Takođe je moguće povezati spoljašnje akustično-optičke signalne uređaje. Svi izlazni kontakti funkcionišu u zatvorenom kolu.

Our alarm indicators type OAA-100.A1 are stand-alone signalling devices with optic and acoustic alarm indication. Combined with a liquid level sensor (e.g. T-200.F...) and a leak detector (e.g. T-200.L...) the OAA-100.A1 can be used as a local monitoring device of a tank. OAA-100.A1 records the limit-value signals of the connected level sensor / leak detector and releases an acoustic signal (acceptable) and an optical signal (not acceptable). According to EN 50 227 (Namur), the device is provided with an open-circuit and a short-line fault monitoring. Each input has a floating change-over contact (having the same working principle as a "lamp" contact) as an additional output for controlling actuators, for example. It is also possible to connect an external acousto-optic signalling device to the alarm indicator. All output contacts are operated in closed-circuit working.

- Kompaktni dizajn za lokalnu instalaciju
- Sistem zaštite prema EN 60529: IP 65
- Dostupan sa 1 ili 2 kanala
- Interni akustični signal i optički signal
- Izlazi za kontrolisanje spoljašnje signalne lampe ili razlgasa alarma
- Razliciti izlazi za kontrolisanje ventila za gašenje, alarm šalje relejom do kontrolne sobe itd.
- Potpuni uređaj za nadgledanje (sa optičkim / akustičnim alarm-indikator signalnim uređajem ME-1)
- Alarm-indikator sa više od dva kanala na zahtev

- Compact design for local installation
- System of protection according to EN 60529: IP 65
- Available with 1 or 2 channels
- Internal acoustic signal and optic signal
- Outputs for controlling external signal lamp or alarm horn
- Separate outputs for controlling shutoff valves, alarm relaying to the control room etc.
- Complete monitoring device (with optic / acoustic alarm indicator signalling device ME-1)
- Alarm indicator with more than 2 channels on request

Detalji o sistemu

System Details

The OAA-100.A1 se koristi sa našim uređajima za prekid prepunjavanja i detektorima za isticanje koji se mogu naci u sekciji 01.

The OAA-100.A1 is used with our overfill cut-out devices and leak detectors, which you can also find in section 01.



OAA-100.A1

Tehnicki podaci

Sistem zaštite	EN 60529 IP 65
Operativna temperatura	-20...+60°C
Temperatura skladišta	-30...+80°C
Kontrolna kola:	
Voltaža otvorenog kola	Max. 10 VDC
Struja kratkog spoja	Max. 10 mA
Operativno odlaganje	ca. 0,5s
Glavno napajanje:	
Procenjena voltaža	230 VAC
Na zahtev	24, 115, 240 VAC
	12, 24 VDC
Procenjena frekvencija	48...62 Hz
Utrošnja el. energije	Max. 2 W/VA
Izlaz:	
Voltaža ukljucivanja	Max. 250V
Struja ukljucivanja	Max. 4 A
Kapacitet ukljucivanja	Max. 1000 VA
	Max. 50 W
Dimenzije (ŠxVxD)	164x252x95mm
Težina Približno	0,8kg
Sistem zaštite	I
Klasa voltaže	II
Supresija smetnje	Limit klase B
Imunitet:	
EN 50081-2	03.94
EN 50082-2	02.96

Kljuc tipa

Osnovne oznake	Design
Dizajn	1 = jednostruk
1 = jednostruk	2 = dvostruk
2 = dvostruk	3 = poseban dizajn
3 = poseban dizajn	Supply voltage without indication = 230 VAC
Voltaža napajanja bez indikacije = 230 VAC	0 = 24 V DC
0 = 24 V DC	1 = 24 V AC
1 = 24 V AC	7 = 240 VAC
7 = 240 VAC	8 = 115 VAC
8 = 115 VAC	Signalling device without indication = nema
Signalni uredjaj bez indikacije = nema	ME = signalni uredjaj se sastoji od polietilenske pločice, razglasa crvenog rotirajućeg svetla
ME = signalni uredjaj se sastoji od polietilenske pločice, razglasa crvenog rotirajućeg svetla	S = Specijalni dizajn
S = Specijalni dizajn	

Technical Data

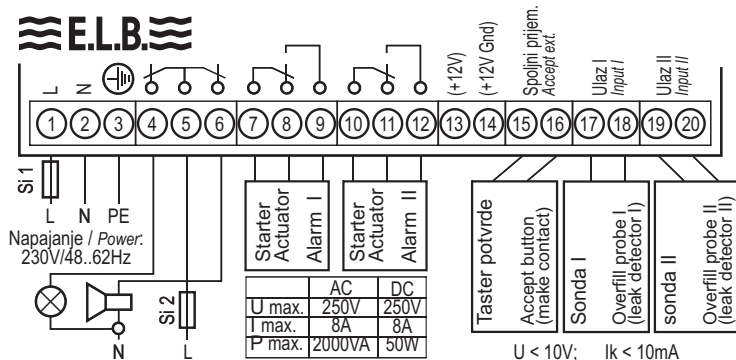
System of protection	EN 60529 IP 65
Operating temperature	-20...+60 °C
Storage temperature	-30...+80 °C
Control circuit(s):	
Open-circuit voltage	max. 10 VDC
Short-circuit current	max. 10 mA
Operating delay	ca. 0,5 s
Mains supply:	
Rated voltage	230 VAC
On request	24, 115, 240 VAC
	12, 24 VDC
Rated frequency	48...62 Hz
Power consumption	max. 2 W/VA
Output:	
Switching voltage	max. 250 V
Switching current	max. 4 A
Switching capacity	max. 1000 VA
	max. 50 W
Dimensions (WxHxD)	164 x 252 x 95 mm
Weight	approx. 0,8 kg
System of protection	I
Overvoltage class	II
Interference suppression	limit class B
Immunity:	
EN 50081-2	03.94
EN 50082-2	02.96

Type Key

Basic indication	Design
Design	1 = single
1 = single	2 = double
2 = double	3 = special design
3 = special design	Supply voltage without indication = 230 VAC
Supply voltage without indication = 230 VAC	0 = 24 V DC
0 = 24 V DC	1 = 24 V AC
1 = 24 V AC	7 = 240 VAC
7 = 240 VAC	8 = 115 VAC
8 = 115 VAC	Signalling device without indication = none
Signalling device without indication = none	ME = signalling device consisting of polyethylene plate, horn and red all around light
ME = signalling device consisting of polyethylene plate, horn and red all around light	S = special design
S = special design	

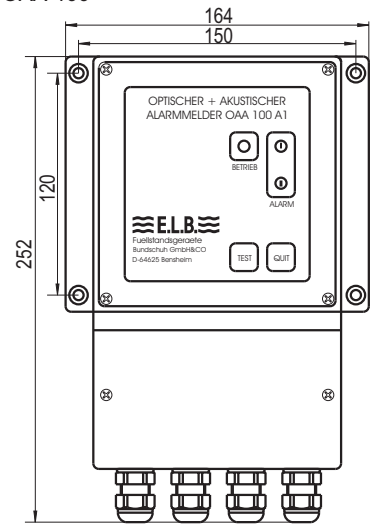
Dijagram veza

Diagram of Connections



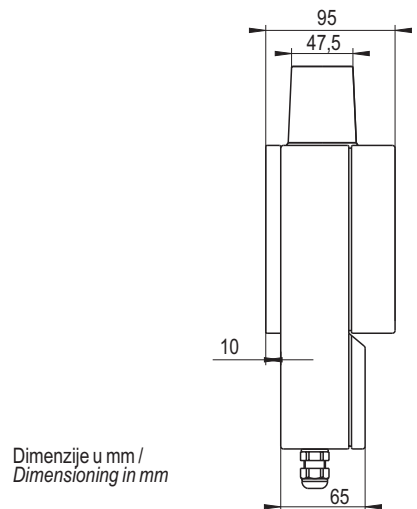
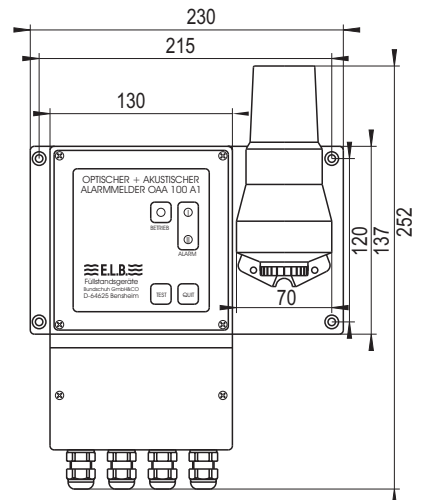
Dimenzioni crtez Dimensional Drawing

OAA-100



Dimenzije u mm / Dimensioning in mm

OAA-100 sa sig. uredjajem ME-1 (opciono)
OAA-100 with signalling device ME-1 (optional)



Dimenzije u mm /
Dimensioning in mm

Moguce izmene bez prethodne najave.
Subject to change without prior notice,
errors excepted.