



Auxiliary supply

Supply voltage Type		Multi voltage
Rated voltage Us		24...240VAC/DC
Operating voltage range		0.85...1.1 Us
Rated frequency	Hz	50/60
Power consumption Max	VA	3
Power dissipation Max	W	1.2

Output characteristics

Number of connectable electrodes	Nr.	3
Type of electrode		Electrode and electrode holders: SN1 / SCM / CGL / PS31 / PS3S or similar
Electrode voltage		10 Vpp
Sensitivity	kΩ	2.5...100 adjustable

Time delay

Tripping time	s	≤1
Resetting time	s	≤1

Relay outputs

Number of relays	Nr.	1
Relay state		Normally de-energised, energises at tripping
Contact arrangement		1 changeover contact C/O-SPDT
Rated operational voltage AC (IEC)	VAC	250
Maximum switching voltage	VAC	400
IEC Conventional free air thermal current Ith ≤ 40°C	A	8
UL/CSA and IEC/EN 60947-5-1 designation		B300
Electrical life (with rated load)	cycles	10 ⁵
Mechanical life	cycles	30x10 ⁶

Indications

Indication		1 green LED for power on 1 red LED for relay state
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Functions

3 detecting electrodes (MIN, MAX and COM)	Yes
5 detecting electrodes (MIN1, MAX1, MIN2, MAX2 and COM)	No
Sensitivity adjustment 2.5...50k Ω	No
Sensitivity adjustment 2.5...100k Ω	Yes

Sensitivity adjustment 2.5...200k Ω	No
Adjustable sensitivity full-scale value 25-50-100-200 k Ω	No
Separate sensitivity adjustment for MAX probe (foam detection)	No
Emptying function	Yes
Filling function	Yes
Emptying function with MIN and/or MAX alarm	No
Filling function with MIN and/or MAX alarm	No
Emptying function with pump priority change	No
Filling function with pump priority change	No
Tank filling, well drawing and alarm	No
Filling-emptying adjustment selector	Yes
Programming selector for 5 different	No
Motor start-up priority change	No

Connections

Terminals type	Screw
Tightening torque for terminals	max Nm 0.8 max lbin 7

Conductor cross section	AWG/Kcmil	min	AWG	24
		Max	AWG	12
	IEC	min	mm ²	0.2
		Max	mm ²	4

Insulations

Rated insulation voltage Ui	V	240
Rated impulse withstand voltage Uimp	kV	4
Operating frequency withstand voltage	kV	2
Double insulation Supply / relay / electrode	VAC	≤250

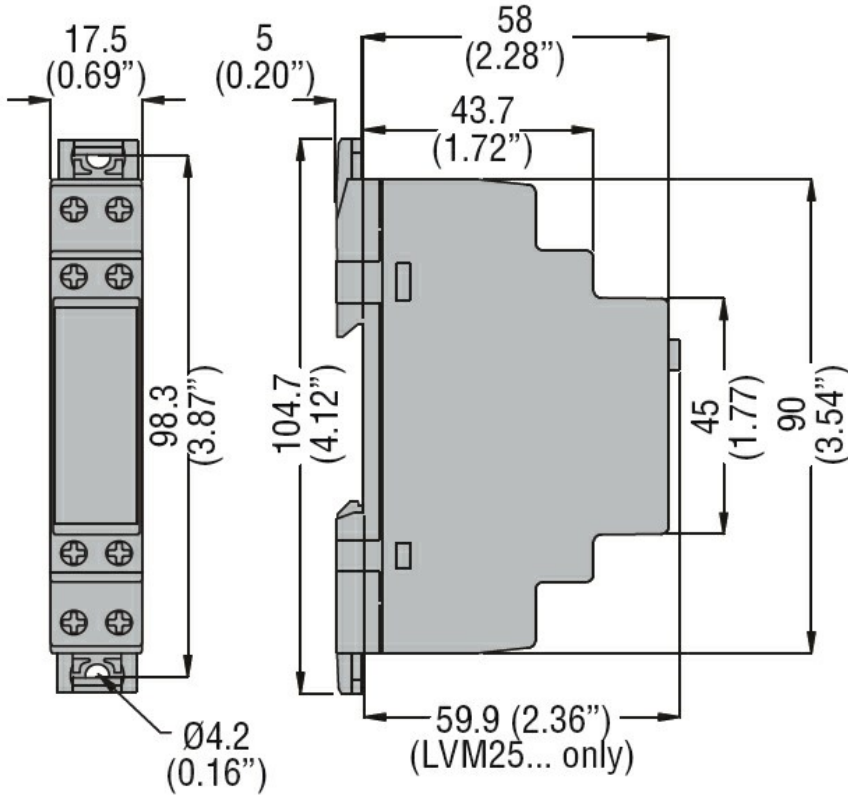
Ambient conditions

Temperature	Operating temperature	min	°C	-20
		max	°C	+60
	Storage temperature	min	°C	-30
		max	°C	+80

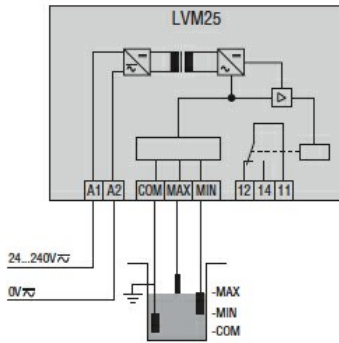
Housing

Execution	Modular DIN rail mounting
N° of modules	1
Material	Self-extinguishing polyamide
Mounting	35mm DIN rail (IEC/EN 60715) or by screws using extractable clips
IEC degree of protection	IP40 on front / IP20 on terminals
Dimensions (W x H x D)	mm 17.5 x 104.7 x 64.9
Weight	g 95

Dimensions



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n° 14

IEC/EN 60255-5

IEC/EN 61000-6-2

IEC/EN 61000-6-3

UL508

Certificates

cULus

EAC

ETIM classification

ETIM 8.0

EC001447 - (Fill)
level monitoring
relay