

NIVEAU-SCHALTRELAIS MODULARE AUSFÜHRUNG, ENTLEERFUNK. UND AUT. RÜCKSTELLUNG 110..127VAC

Product designation Product designation Product designation Product type designation Produc				Al A II II
Single voltage Rated auxiliary supply voltage Us AC ac min Max VAC 110 Max vAC 110 Max vAC 127 Max 127 Max 127 Max 127 Max 127 Max 12 Max	Product type designation			relay for emptying function. Single voltage. Modular version LVM20
AC	Auxiliary supply			
AC min Max VAC	Supply voltage Type			Single voltage
Deperating voltage range min Max VAC vAC 127 vAC Rated frequency Hz 50/60 Power consumption Max VA 3.5 Power dissipation Max W 1.8 Output characteristics Total characteristics Number of connectable electrodes Nr. 3 Type of electrode Flectrode and electrode holders: SN1 / SCM / CGL / PS31 / PS3S or similar Electrode voltage T.5 VAC Sensitivity & C 2.550 adjustable adjustable adjustable adjustable adjustable adjustable adjustable adjustable venergised, energises at tripping time s ≤ 0.6 Resetting time s ≤ 0.75 Relay outputs Nr. 1 Number of relays Nr. 1 Relay state Normally deenergised, energises at tripping tripping time s ≤ 0.75 Relay outputs Nr. 1 Relay otate Total characteristics Nr. 1 Relay otate Total characteristics Nr. 1 Relay otate Total characteristics Total characteristics <tr< td=""><td>· · · · · ·</td><td></td><td></td><td></td></tr<>	· · · · · ·			
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Electrical life (with rated load) cycles 10 ⁵				
			cycles	
OVOICO CONTO	Mechanical life		cycles	30x10 ⁶

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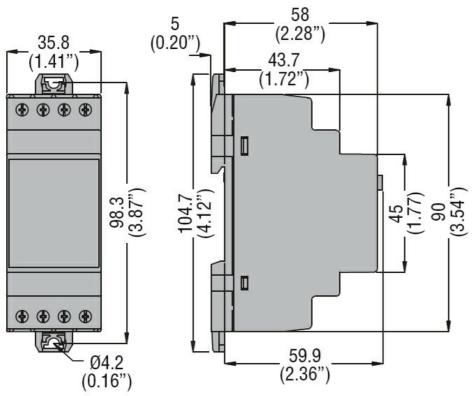
Indications			
			1 green LED for
Indication			power on 1 red
maication			LED for relay
			state
Functions			
3 detecting electrodes (MIN, MAX and COM)			Yes
5 detecting electrodes (MIN1, MAX1, MIN2, MAX2 and COM			No
Sensitivity adjustment 2.550k Ω			Yes
Sensitivity adjustment 2.5100k Ω			No
Sensitivity adjustment 2.5200k 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			No
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			No
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	Ibin	7
Conductor cross section			
AWG/Kcmil			
	min	AWG	24
	Max	AWG	12
IEC			
	min	mm²	0.2
	Max	mm²	4
Insulations			
Rated insulation voltage Ui		V	415
Rated impulse withstand voltage Uimp		kV	6
Operating frequency withstand voltage		kV	4
Double insulation Supply / relay / electrode		VAC	≤250
Ambient conditions		77.10	
Temperature			
Operating temperature			
operating temperature	min	°C	-20
	max	°C	+60
Storage temperature	mux		
Clorage temperature	min	°C	-30
	max	°C	+80
Housing	παλ		100
riodoling —			Modular DIN rail
Execution			mounting
N° of modules			2
14 Of Moduloo			_

ENERGY AND AUTOMATION

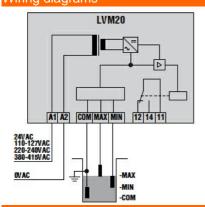
NIVEAU-SCHALTRELAIS MODULARE AUSFÜHRUNG, ENTLEERFUNK. UND AUT. RÜCKSTELLUNG 110..127VAC

Mounting or by screws using extractable clips IEC degree of protection IP40 on front /	Material		Self-extinguishing polyamide
Dimensions (W x H x D) mm 35.8 x 104.7 x 64.9	Mounting		(IEC/EN 60715) or by screws using extractable
Dimensions (WX H X D) 64.9	IEC degree of protection		IP40 on front / IP20 on terminals
Weight g 215	Dimensions (W x H x D)	mm	
	Weight	g	215

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



LVM20A127

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	UL508	
Certificates		
	cULus	
	EAC	
ETIM classification		
ETIM 8.0		EC001447 - (Fill) level monitoring relay