



**Level control relays** *adjustable sensitivity*

- Level monitoring for electrically conductive liquids
- Modular DIN rail mounting (*aligns with standard MCB's*)
- Double insulation between supply, electrodes and output relay

type	description	supply voltage	module width
<b>LVM20</b> three detecting probes ( <i>Min, Max and Com</i> )			
• Adjustments:	- Sensitivity 2.5-50kΩ	• Emptying function	
<b>LVM20A240</b>	liquid level control relay	"emptying" 220 - 240 VAC	36 mm
<b>LVM20A415</b>	liquid level control relay	"emptying" 380 - 415 VAC	36 mm
<b>LVM25</b> three detecting probes ( <i>Min, Max and Com</i> )			
• Slimline one module (17.5 mm) wide			
• Adjustments:	- Sensitivity 2.5 - 100kΩ		
• Selectable:	"Emptying" (or) "filling" function ( <i>with fail safe operation</i> )		
<b>LVM25240</b>	multi-voltage liquid level control relay	24 - 240 VAC/DC	18 mm
<b>LVM30</b> three detecting probes ( <i>Min, Max and Com</i> )			
• Adjustments:	- Sensitivity: 2.5 - 50kΩ		
	- Probe signal delay: 1-10 sec	- pump start delay: 0-30min	
• Selectable:	"Emptying" (or) "filling" function ( <i>with fail safe operation</i> )		
<b>LVM30A240</b>	liquid level control relay		54 mm
<b>LVM30A415</b>	liquid level control relay		54 mm
<b>LVM40</b> five detecting probes ( <i>Min1, Max1, Min2, Max2 and Com</i> )			
• Adjustments:	- Sensitivity 2.5 - 200kΩ ( <i>sep adj for Max for foam detection</i> )		
	- Probe signal delay 1-10s	- pump start delay 0 - 30min	
• Selectable:	- Standard emptying and alarms (or) standard filling and alarms		
	- Emptying with priority start-up change control		
	- Filling with priority start-up change control		
	- Well draining and tank filling and alarms		
<b>LVM40A240</b>	5 probe liquid level control relay	220 - 240 VAC	54 mm
<b>LVM40A415</b>	5 probe liquid level control relay	380 - 415 VAC	54 mm

**Level electrodes and holders for conductive liquids**

<b>SN1</b>	1-pole insulated electrode (AISI 303 stainless steel) for LVM relays	
<b>PS3S</b>	electrode holder for 3 rod probes	
<b>P1000S</b>	electrodes for PS3S holder	(1 meter length)
<b>FS03-3P</b>	electrode spacer disc	(for extended probe length)
<b>PXL</b>	extension locknut	(for extending probe length)

**Pump start-up priority change relay**

To balance operation times, hence wear of two pumps, compressors, generators when two units (*primary and standby*) are installed in an installation.

• 2 outputs	2NO (SPST)	
<b>LVMP05</b>	pump priority change relay	24 - 48 VDC/24 - 240 VAC
<b>LVMP10A240</b>	pump priority change relay 2NO outputs	220 - 240 VAC

**Float switches** (*IP68*) insulation class: II

Float switches are used for automation of electrical equipment, such as pumps, solenoid valves, alarms etc. All versions feature an internal changeover contact operated in accordance with the level of liquid where the float is located, permitting the user to choose "filling" or "emptying" function during regulator wiring.

Compliant: IEC/EN 60730-1/-2-15, TUV certification.

Grey water applications - used for civil and industrial control of levels of rain water, ground water or cooling water from industry

- Activation angle -45° ... +45°
- 130g external counterweight (*included*)

<b>LVFSP1W05</b>	float switch	PVC cable for grey water applications	5 met
<b>LVFSP1W10</b>	float switch	PVC cable for grey water applications	10 met

Dirty water applications - for civil and industrial control of levels for sewage or waste water from industry. Float switch made of "one-piece" blow moulded polypropylene casing with fixed internal counter weight located in the cable exit area.

- Activation angle -15° ... +15°
- neoprene cable

<b>LVFSN1B05</b>	float switch	for sewage or waste water applications	5 met
<b>LVFSN1B10</b>	float switch	for sewage or waste water applications	10 met