
 TI4500en	Product Information	
AUS2-Series (Le)	Water Level Switch	

The AUS- Series (L) is designed to measure water levels

The AUS- Series (L) a mechanical actuated floating switch

The switch is intended to switch electrical components to start and stop automatically

The product is suitable to use in (processed) water, oil, low acid and alkaline liquids

The control output is ON/OFF



Use	<p>Compatible to all common HVAC DDC and Analog Controls systems, with/without Building Automation System</p> <p>Use for water level control for filling or draining of reservoirs or tanks</p> <p>Used for pump control</p> <p>Used in Commercial and Industrial Buildings</p>
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Features	<p>High reliable cable float switch for simple level control of liquids</p> <p>Multiple cable lengths available</p> <p>Professional and practical product design, withstands rough environmental conditions</p> <p>Easy to use, install and maintain</p>
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Product Range	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>Order Code</th> <th>Cable lengths</th> <th>Micro Switch Rating</th> <th>Switching Angles</th> <th>max. Installation depth</th> <th>Operating temperature</th> <th>Weight</th> <th>IP- Rating</th> </tr> </thead> <tbody> <tr> <td>AUS2.AA</td> <td>2m</td> <td rowspan="5" style="text-align: center;">AC250V, 16 (4) A</td> <td rowspan="5" style="text-align: center;">+20°/-45°</td> <td rowspan="5" style="text-align: center;">10m (1bar)</td> <td rowspan="5" style="text-align: center;">0...50°C</td> <td>135gr.</td> <td rowspan="5" style="text-align: center;">IP68 according to IEC60529</td> </tr> <tr> <td>AUS2.BA</td> <td>3m</td> <td>310gr.</td> </tr> <tr> <td>AUS2.CA</td> <td>5m</td> <td>470gr.</td> </tr> <tr> <td>AUS2.DA</td> <td>10m</td> <td>895gr.</td> </tr> <tr> <td>AUS2.EA</td> <td>20m</td> <td>470gr.</td> </tr> </tbody> </table>	Order Code	Cable lengths	Micro Switch Rating	Switching Angles	max. Installation depth	Operating temperature	Weight	IP- Rating	AUS2.AA	2m	AC250V, 16 (4) A	+20°/-45°	10m (1bar)	0...50°C	135gr.	IP68 according to IEC60529	AUS2.BA	3m	310gr.	AUS2.CA	5m	470gr.	AUS2.DA	10m	895gr.	AUS2.EA	20m	470gr.
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Sensor Specification	Sensor Specification	Measured	Water Level	
		Sensor Characteristics	Active	
		Sensor Output (s)	SPDT-Micro switch (NO/NC switch)	
		Switch Angle	+20°/-45°	
		Max. depth	approx. 10 m (1 bar)	
Technical Information	Electrical Information	Relay Rating AC 250V, 16 (4) A	AC 250V, 16 (4) A	
		Mechanical Endurance	>100.000 switch cycles	
		Electrical Endurance	>50.000 switch cycles	
	User Interface	None		
	Housing Materials	Flow Switch		Polypropylene (PP)
		Counterweight		Polystyrene (PS)
	Housing Color	Flow Switch		blue/yellow
		Counterweight		blue
	Cable	Cable diameter		outside ø9mm / inside 3x0.75mm ²
		Cable material		Black PVC
	Environmental Conditions	Operation Temperature		0°C...+50°C
		Operation Humidity		100% r.h., with condensation
		Transport Temperature		-10°C...+50°C
		Storage Humidity		< 85% r.h., no condensation
	Norms and Directives	IP- Rating		IP68 to IEC60529
		Safety Class		III to EN 60 730
		Product Standard 1		Automatic Electric. Controls for household and similar use
		Product Standard 2		2009/EN 60 730-1
		CE Conformities to		2004/108/EG Electromagnetic Compatibility EMV
		CE Electromagnetic Compatibility Emitted Interference		2000/EN60730-1 Emitted Interference
		CE Electromagnetic Compatibility Interference resistance		2000/EN60730-1 Interference Resistance
		RoHS Compatibility		RoHS 2011/65/EC
		Operation Climatic Condition		IEC 60 721-3-3
Operation Mechanical Condition			IEC 60 721-3-2 to class2M2	
Transport to Climatic Condition			IEC 60 721-3-2	
Transport Mechanical Condition			IEC 60 721-3-2 to class2M2	
Miscellanies	Accessories	Mounting Kit, Included in delivery	non	
	Shipping & Handling	Minimum Order	1 box with 1 piece	
		Package Material	Rigid Cardboards	
		Order Code	See Product Range, Page 1, e.g.. AUS2.AA	

All Information and technical data are subject to alteration

Installation Notes

Observe the following general regulation for engineering and implementation:

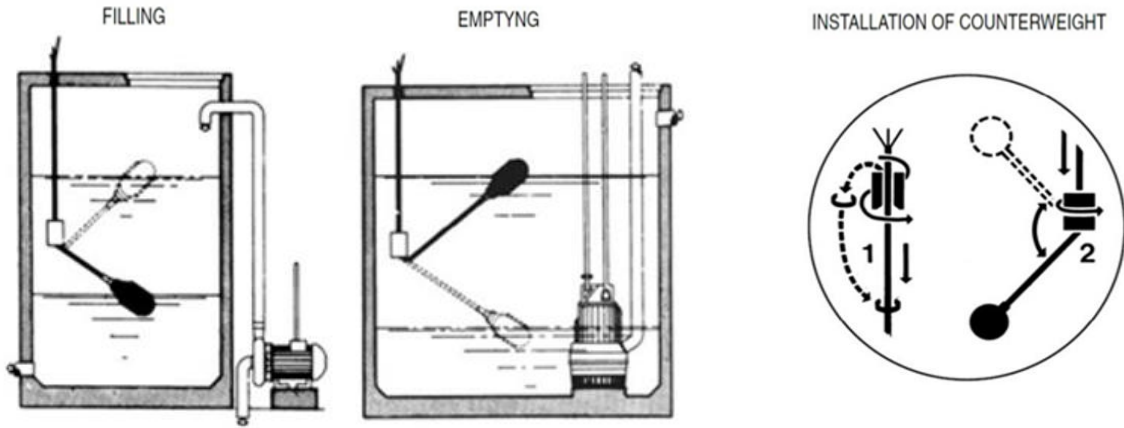


- All relevant national and heavy power regulation
- Other country specific regulations
- Country-specific regulations
- Local electrical supply authority regulation
- Schematics, cable listings, dispositions, specification and arrangements from the customer or engineering office in charge
- Third party specifications, e.g. general contractors or constructors

Mounting Advices



Advices



Disposal Notes

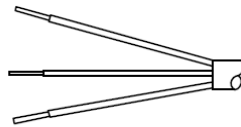
The device is considered an electronic device for disposal in terms of the EUROPEAN DIRECTIVE 2012/19/EU.



- The device may not be disposed as domestic garbage.
- The device must be disposed through channels provided for this purpose.
- It is mandatory to complying with local currently applying laws and regulations.

Connection

- Blue (NO)
- Black (COM)
- Brown (NC)



Dimensional Drawing

