
 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 style="width: 10%;">Order Code</th> <th style="width: 10%;">Cable lengths</th> <th style="width: 15%;">Micro Switch Rating</th> <th style="width: 10%;">Switching Angles</th> <th style="width: 10%;">max. Installation depth</th> <th style="width: 10%;">Operating temperature</th> <th style="width: 10%;">Weight</th> <th style="width: 15%;">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 style="text-align: center;">135gr.</td> <td rowspan="5" style="text-align: center;">IP68 according to IEC60529</td> </tr> <tr> <td>AUS2.BA</td> <td>3m</td> <td style="text-align: center;">310gr.</td> </tr> <tr> <td>AUS2.CA</td> <td>5m</td> <td style="text-align: center;">470gr.</td> </tr> <tr> <td>AUS2.DA</td> <td>10m</td> <td style="text-align: center;">895gr.</td> </tr> <tr> <td>AUS2.EA</td> <td>20m</td> <td style="text-align: center;">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 3, Directive 2015/863
		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	
Miscellaneous	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

Installation Notes



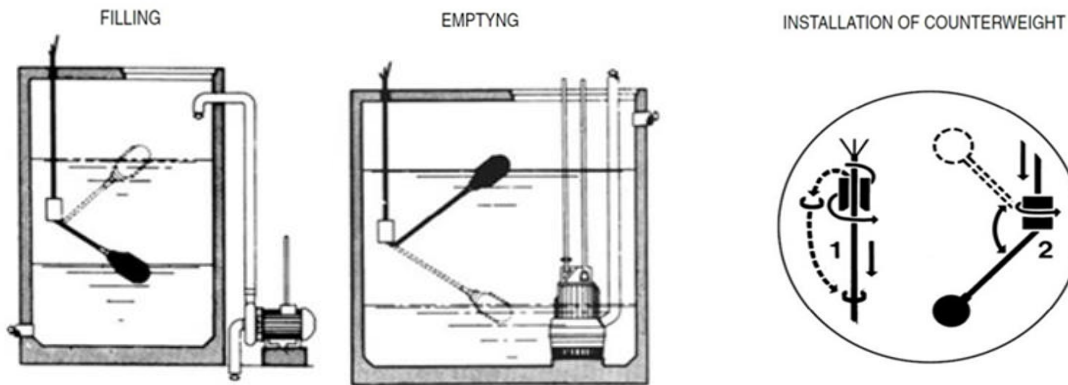
Observe the following general regulation for engineering and implementation:

- 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



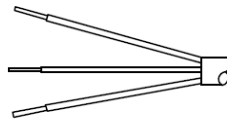
Disposal Notes



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

