

Float Switch 7030 (without mercury)

General



The float switch 7030 belongs to a generation of float switches where the mercury switches have been replaced with up-to-date environmentally friendly materials. In many highly automated systems, flow switches are used as „end stops“ to provide selected security against control system failures.

Special features

- Environmental friendly float switch **without mercury !**
- The float switch is made of polypropylene, environmentally friendly and strong.
- Electromechanical contact system.
- The electromechanical contact system has a changeover contact that can handle loads up to 16A so a motor start relay can be connected directly.
- Lifetime guaranteed up to 2×10^7 operations.
- High flexible cable.

Function

The float switches 7030 are supplied with an electro-mechanical contact system. In the float switch a hermetically sealed microswitch is built in, which is actuated by a moving weight. The weight operates the microswitch, when the float switch 7030

changes its position in the water. As an accessory a counterweight can be supplied, the counterweight ensures that the 7030 is always correctly positioned, and it makes the bend of the cable less sharp.

Specifications

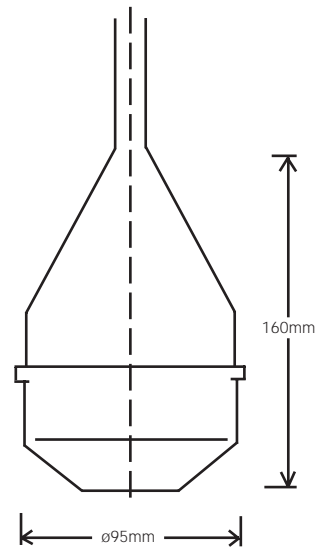
Float Switch 7030

Part no.:	202810
Contact system	Microswitch
Output	Changeover contact
Max. load	AC: 250V / 16A DC: 220V / 0,5A 24V / 16A
Voltage	Max. 250V AC
Temperature	-20...+60 °C
Dimension	ø95×160 mm
Housing material	Polypropylene
Material cable	Oil resistant PVC
Cable (part no. 691020)	3×1 mm ² , ø8 mm×12 m PVC, supplied
CE	EN50081-1, EN50082-1
Min. No. of operations	2x10 ⁷ operations
<i>Counterweight (accessories)</i>	
Part no.:	560917
Housing material	Polypropylene
Dimensions	ø55×100 mm

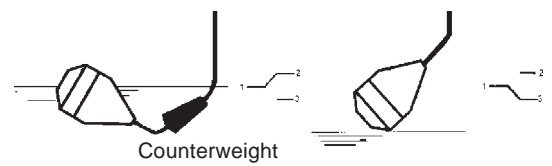
Float Switch 7030
For control of pumps.



Dimension



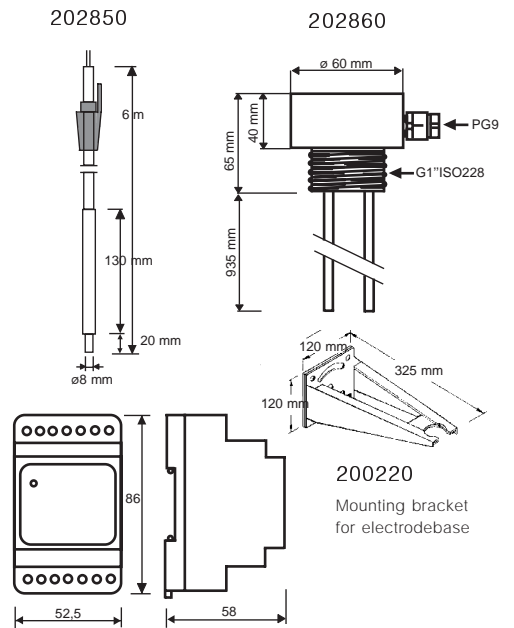
Connection



Electrode Control 501
For alarm of level.

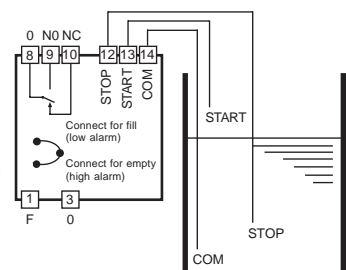


Dimensions



Connection

Is standard delivered for control of pumping out. In case of pumping in change the soldering bridge and use terminal 12 for stop and 13 for start.



Conductivity Level Switch 501

General

The Conductivity Level Switch type 501 is a simple and price attractive system for the control of levels. The system includes a transmitter for DIN-rail mounting and various level electrodes.

Special Features

- Price competitive and reliable system for the control of level in conductive liquids.
- The amplifier is easy to mount on a DIN-rail.
- The electrodes are supplied both for suspension using a cable and for mounting with 1" thread.
- For mounting we can supply a special bracket, which can be mounted directly on a wall, or it can be mounted in combination with MJK modular fittings.



Function

The transmitter supplies an alternating voltage which is applied to the electrodes. When the liquid connects the electrodes, the current resultant between these is amplified and the output relay is activated. Two electrodes can be connected to the unit for detecting one level or three

electrodes can be used for detecting two levels, to provide, for example, one for start and one for stop. In cases where the liquid is in a conductive tank or where a metal pipe is in constant contact with the liquid, you can use just one or two electrodes to achieve the same functions.

Specifications

Conductivity Level Switch type 501

Part number:	202820		
Dimensions:	86 x 52,5 x 58 mm (hwxwd)		
Mounting:	On DIN-rail		
Supply:	115/230V AC \pm 10%, ca. 4VA		
Temperature range:	- 20 - +60°C		
Materials:	Cover:	Lexan (Grey)	
	Bottom:	Noryl (Black)	
CE:	EN50081-1, EN50082-1		
Housing:	IP22		
Input:	From level electrodes		
Sensitivity:	Min.: 100 mA	Max.: 1mA	
Relay output:	Voltfree switch contact	Max. 250V 4A, 1A inductive	
Electrodes			
Part no:	202850	202860	202865
Description:	Single electrode	Electrodebase with 1 electrode rod (max. 3 electrode rods)	Additional electrode rod for 202860
Mounting:	Suspension	Mounted with in cable G1" thread	Mounted in base with M5 thread
Length:	150 mm	1000 mm	975 mm
Materials:	AISI 316	POM / AISI 316	AISI 316
Cable:	6 m	None	None