

AU-21

LEVEL SWITCH WITH ROD

GENERAL FEATURES

Ayvaz AU-21 Level Controller is designed to control the liquid level in all pressurized or non-pressurized containers. As an element of intuition, a stainless steel float and reed switch with magnetic operation feature are placed in a stainless steel tube.

Depending on the change in fluid level, the magnetic float that moves linearly along the tube stimulates the reed switch. The signal obtained by the reed switch being turned on or off is transmitted to the control panel and evaluated by the relay circuit.

Up to 6 meters length can be manufactured in a single piece. Top mounted AU-22 level control devices can be designed and manufactured to provide low / high level, pump start / stop signals that can be received at tank level automation.

It has a minimum density of 0.6g / cm³ and a temperature of up to 150 ° C. The minimum distance between contacts should be 30 mm.

Product Features

Body	: AISI 304 Stainless Steel (Opt. AISI316 and Extra Teflon Coated)
Float	: AISI 316L Stainless Steel (Opt. Extra Teflon Coated)
Working Temperature	: -10 / +125 °C
Max. Switch Voltage	: 400 VAC/DC

Max. Working Pressure	: 16 bar
Connection	: BSP&NPT (min 3/8")
Min.Density	: 0.8 kg/m ³
Contact Type	: N.O / N.C
Contact Number	: N.O 2 Max. / N.C 2 Max.
Switch Capacity	: 60VA
Switch Current	: 1.0VA
Option	: EX-PROOF
Protection Class	: IP68

Advantages

- Precise level control
- Both open and closed contact
- Long service life
- Sealing
- Continuous control
- Corrosion resistance of fluid contact zones

Application Areas

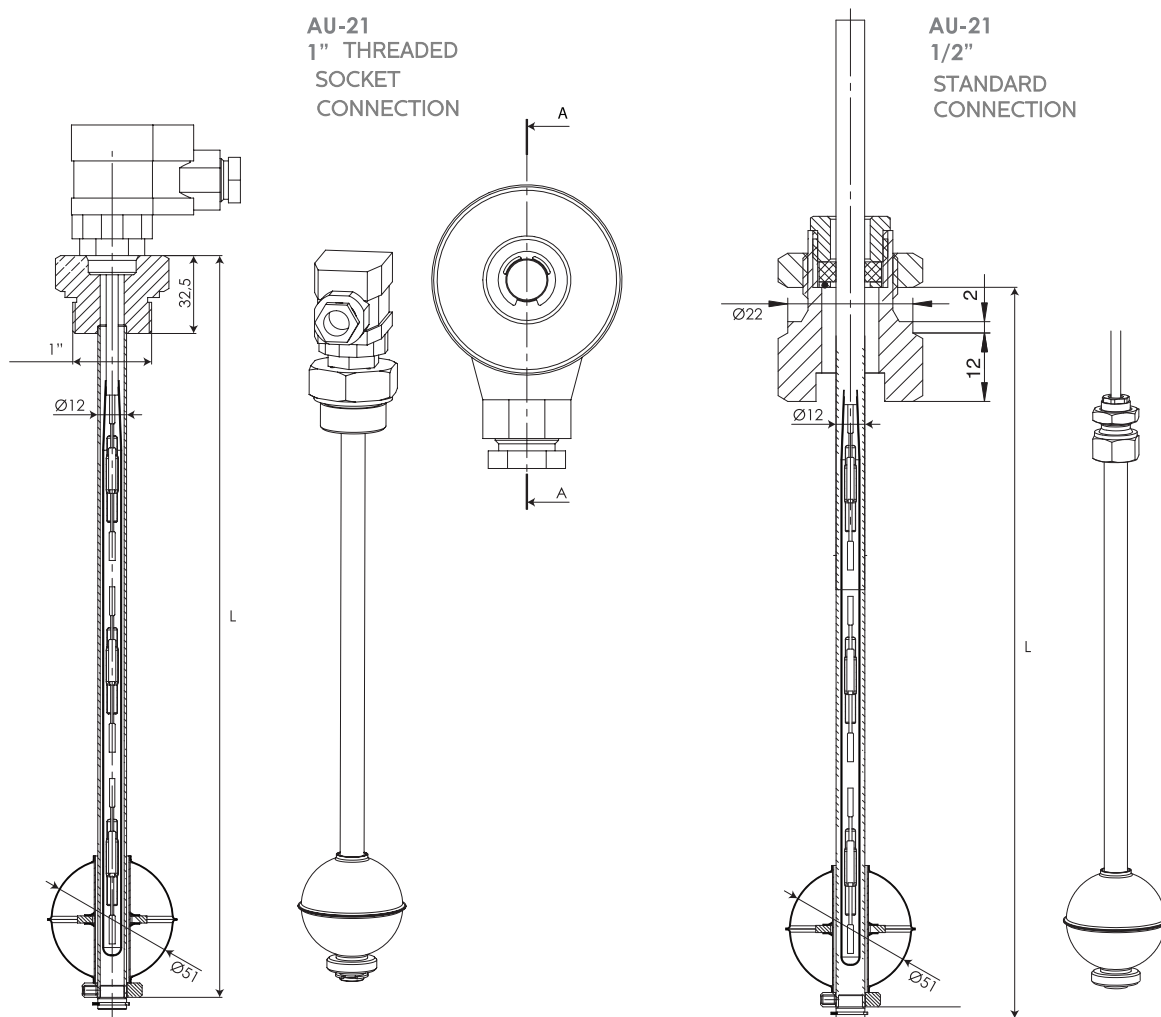
- Shipbuilding Industry
- Waste / Fresh water tanks
- Food Industry
- Fuel Tanks
- Acid Tanks
- Chemical / Petrochemical Tanks

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You are required to inform sales team during the order

1. Length of the probe (L)
2. Number of desired contacts and locations
3. Fluid type (Oil, fuel, water)
4. Fluid temperature

Dimensions	
AU-21 BSP or NPT	Length (mm)
3/8" and above	Applicable for length range between 300-6000mm

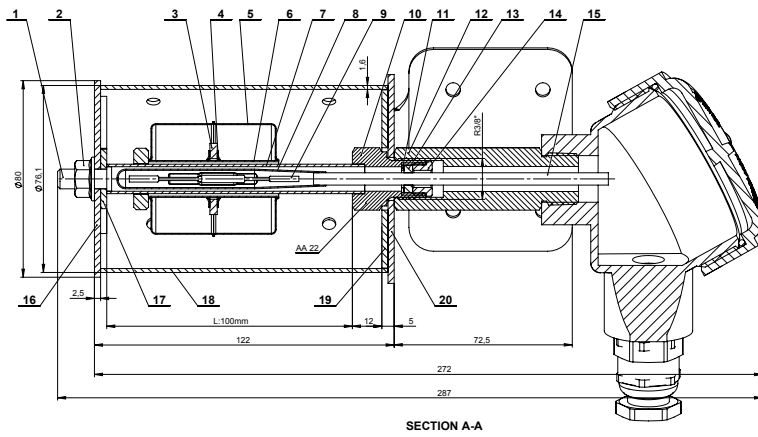


* For different sizes, connection, pressure and applications please consult our sales team.

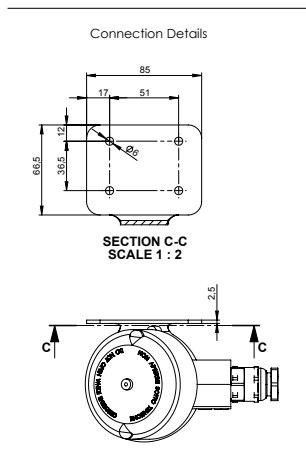
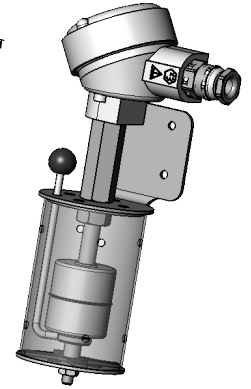
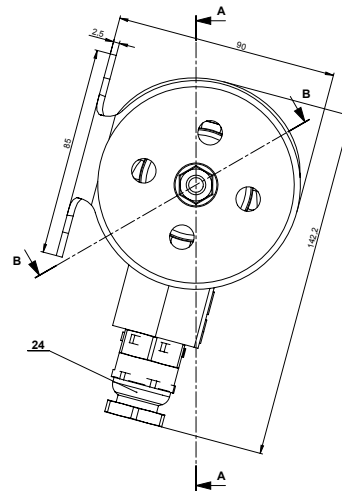


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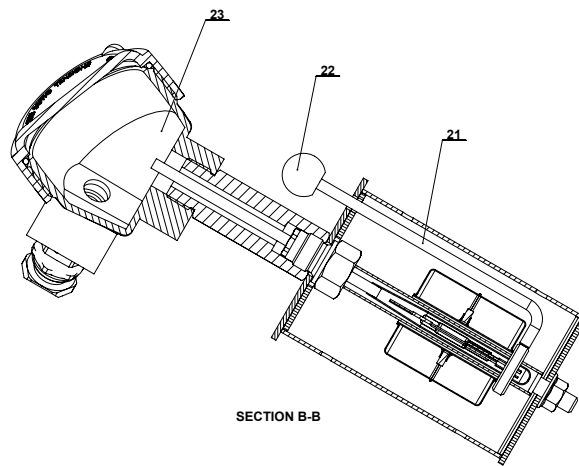
IP68+EX-PROOF, WITH TESTING ROD, WITH PROTECTION CASE



SECTION A-A



SECTION C-C
SCALE 1 : 2



SECTION B-B

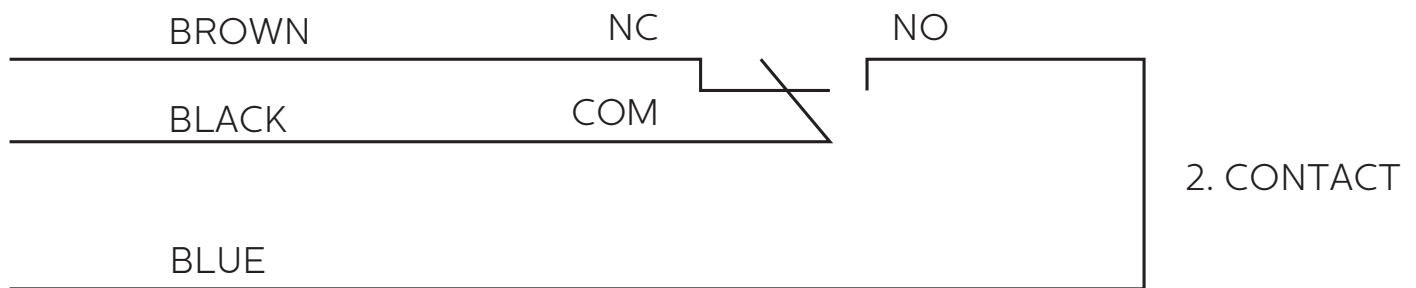
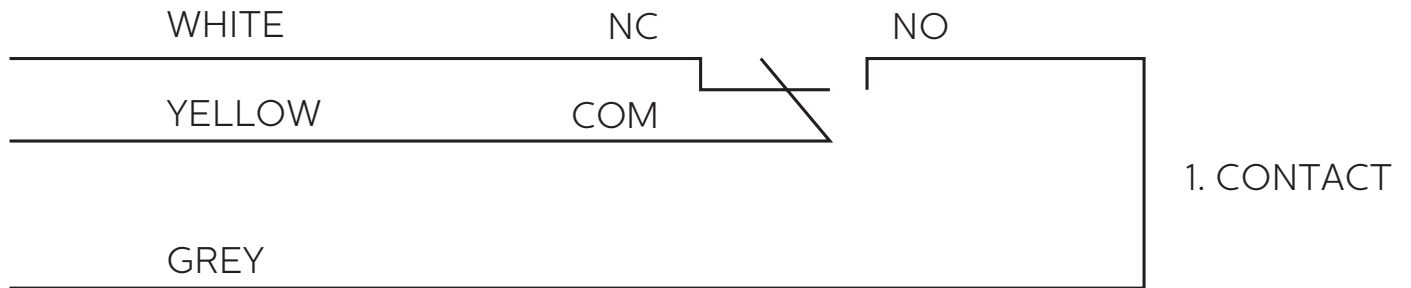
No	Part Name	Material List
1	Bottom Flange Screw	AISI 304
2	Flange Nut	AISI 304
3	Float Magnet	
4	Spring Washer	Spring Steel
5	Float Head	AISI 316L
6	Float Tube	AISI 304
7	Level Tube	AISI 304
8	Tube	
9	Switch	
10	Threaded	AISI 304
11	Washer	Aluminium
12	Connection Part	AISI 303

No	Part Name	Material List
13	Rubber Gasket	
14	Gasket	AISI 304
15	Cable	Ø 0.25
16	Bottom Flange	AISI 304
17	Bottom Flange Connection	AISI 304
18	Protection Tube	AISI 304
19	Top Flange	AISI 304
20	Top Flange Connection	AISI 304
21	Test Handle	AISI 304
22	Handle	Bakelite
23	Head	
24	Cable Raccord	



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AU-21 ELECTRICAL CONNECTION SCHEME



CHANGE OVER



HEAD OFFICE - FACTORY

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