

C-4

FLOAT SWITCH

GENERAL FEATURES

C-4's float moves along with fluctuation of the fluid inside the tank provides contact via micro switch when it reaches the activation point. Pumps, selenoid valves, motorized valves and alarms can be controlled efficiently, safely and continually via micro switches.

Installation:

C-4 float Switch can be mounted to the tank's wall. Additionally, it can be mounted with socket welded flanges to the tank's wall. For high/low level contacts, float switches should be mounted upward direction as arrow shows on the flange.

Application Areas:

- Pressurised / Non- Pressurised Tanks
- Fuel Tanks
- Freshwater / Sewage Tanks
- Acid Tanks
- Steam Generator
- Boilers
- Hydrophore
- Water Treatment Systems

Advantages

- Magnetic Working
- Wide Adjustment Range
- Inbuild Sealing
- Long Life Service
- Various Applications

Accessories: Testing Rod, Adjustment Rod

For high temperature and pressures please contact with customer representative.

PRODUCT FEATURES

Float: AISI 316L Stainless Steel

Flange Material AISI 304
(Opt. PN16 Carbon Steel)

Cover: Aluminium

Protection Class: IP66

Max. Working Temperature: 150 °C

Max. Working Pressure: 16 bar

Micro Switch: 16 A

Max. Switch Voltage 480 VAC/DC

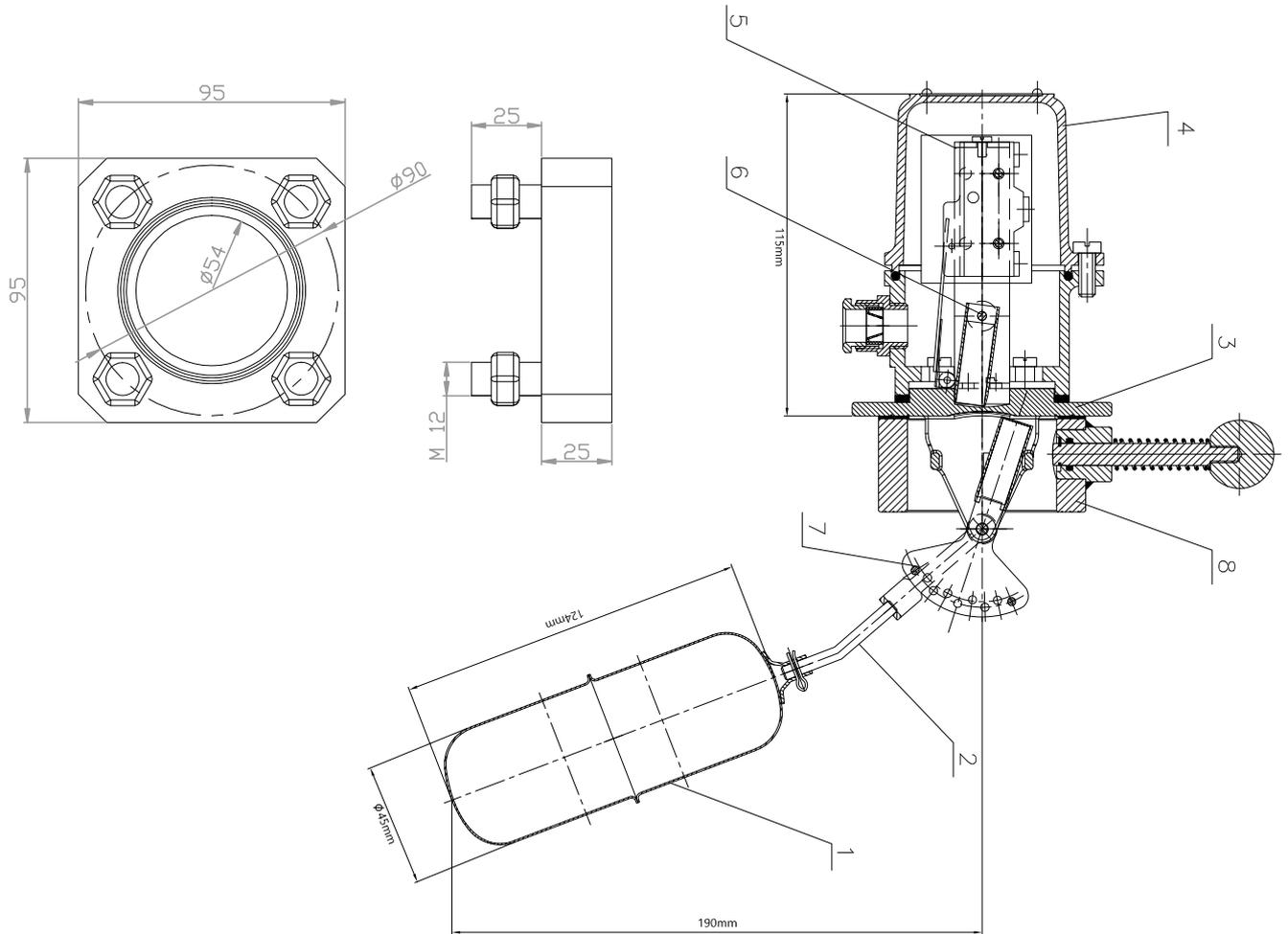
Contact Type: NO/NC

Activation Level Limit: 20-180 mm
(Above the limit multiple C-4 should be used)

C-4 FLOAT SWITCH



ADJUSTABLE ROD C-4 TECHNICAL SPECIFICATION



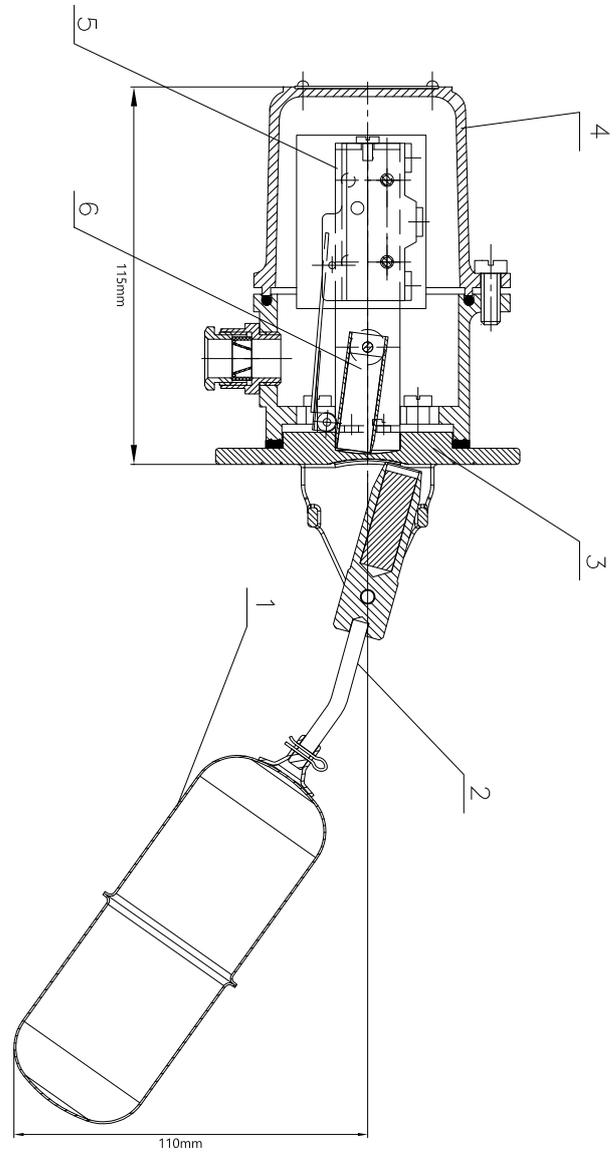
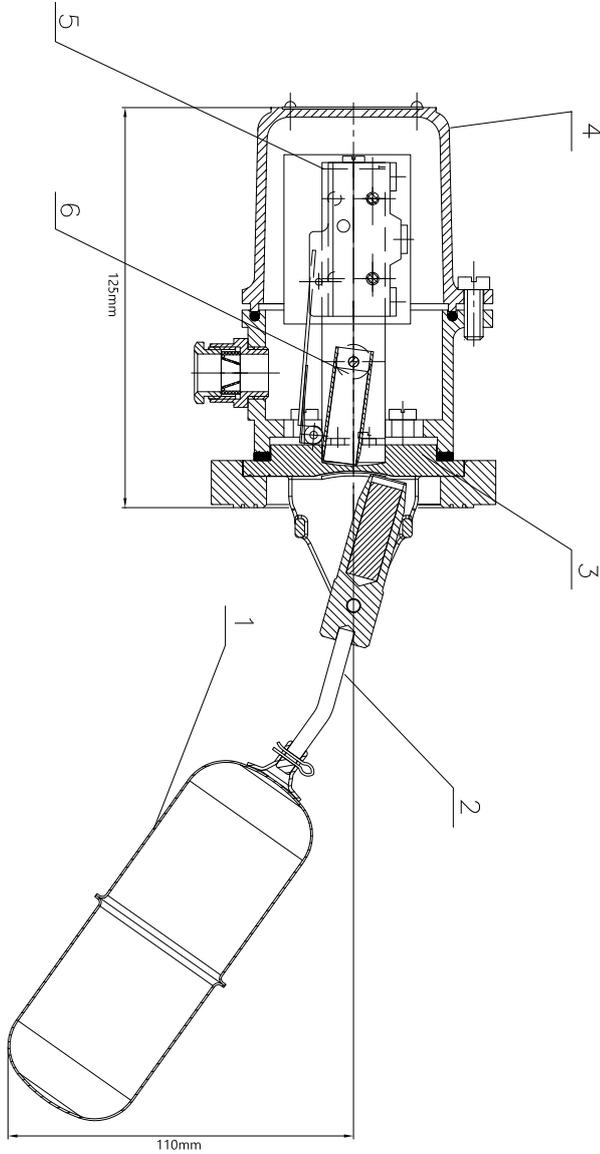
No	Part List	Material List
1	Float	AISI 316L
2	Rod	-
3	Flanged	AISI 304
4	Body	Cast. Aluminium
5	Micro Switch	-
6	Magnet	-
7	Adjustment Rod	AISI 304
8	Test Rod	AISI 304



C-4 FLOAT SWITCH

CARBON STEEL C-4

STANDARD C-4



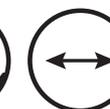
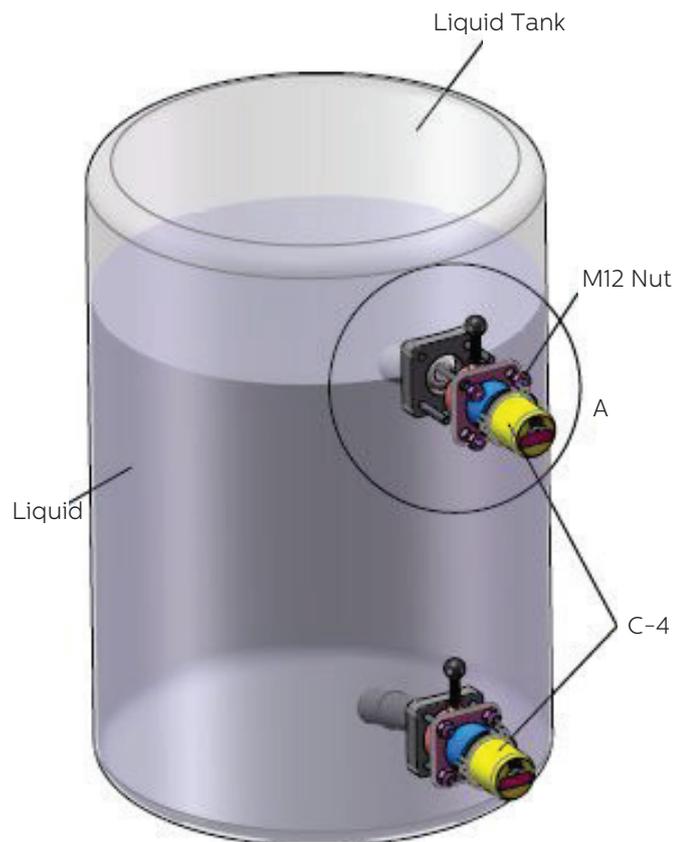
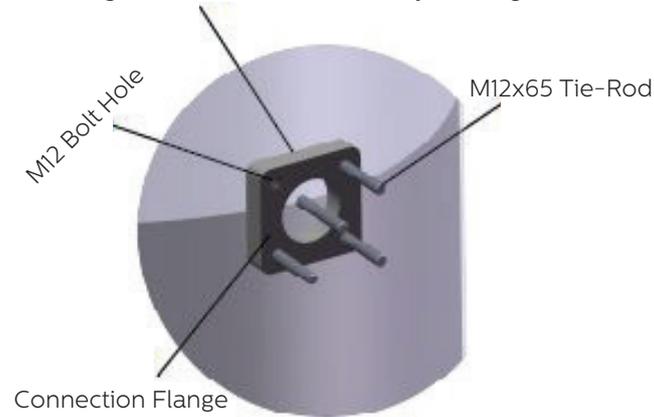
No	Part List	C-4 Standard	C-4 Carbon Steel (PN16)
1	Float	AISI 316L	AISI 316L
2	Rod	AISI 316	AISI 304
3	Flange	AISI 304	St 37
4	Body	Cast. Aluminium	Cast. Aluminium
5	Micro Switch	-	-
6	Magnet	-	-
7	Adjustment Rod	-	-
8	Test Rod	-	-

C-4 FLOAT SWITCH

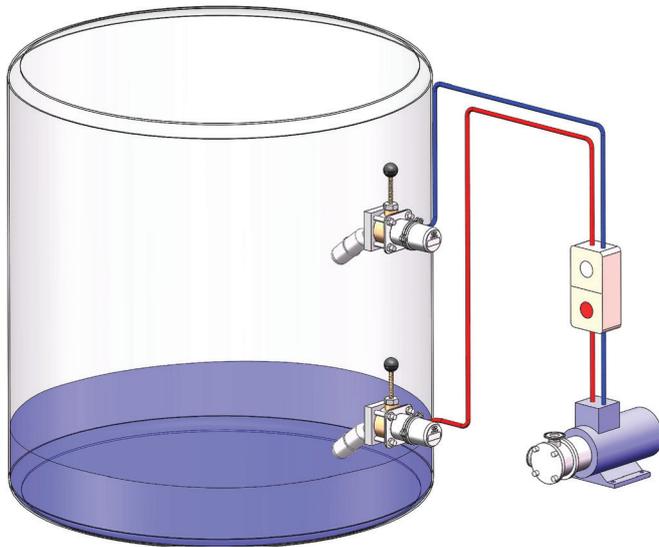


INSTALLATION PROCEDURE

The flange is mounted to the tank by welding



C-4 FLOAT SWITCH

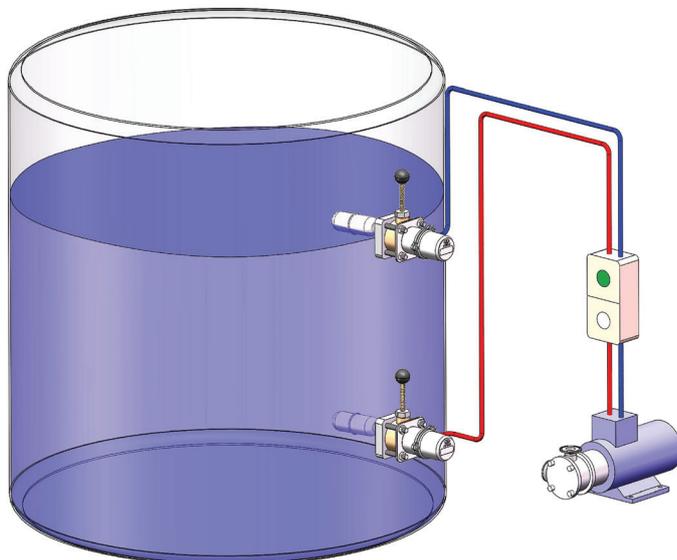
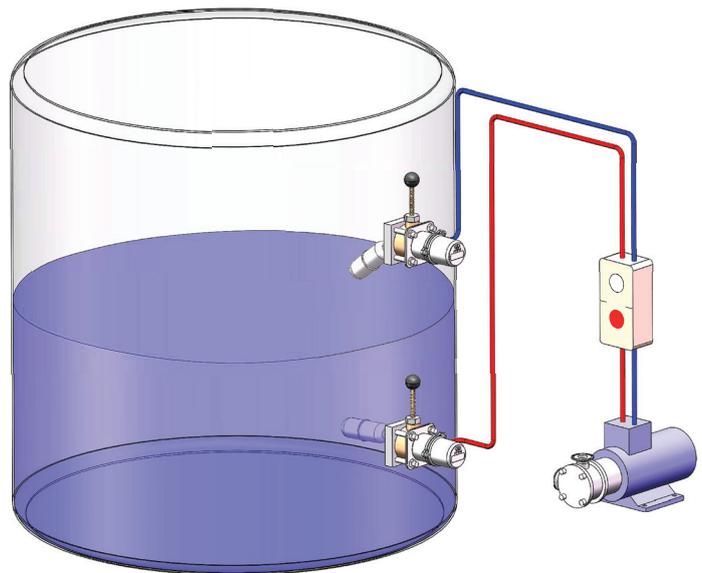


Stage 1

As the fluid rises inside of the tank, so does the float with it. When the float reaches the activation level, water pump goes on and starts filling the tank.

Stage 2

Sealed pump keeps filling the tank until it reaches the upper C-4's activation level.



Stage 3

When the fluid inside of the tank lifts the float, pump stops filling the tank. This procedure repeat itself when the fluid drops to the activation level of lower C-4s.

C-4 FLOAT SWITCH



ELECTRICAL CONNECTION SCHEME

