

APPLICATIONS

Maxim and minimum switch level detection in tanks containing LIQUIDS products.

- Water
- Chemical Products
- Alimentary products
- Detergents
- Pharmaceutic Industry
- Depurator plants
- Other liquids

ADVANTAGES

Without movable parts, it does not suffer any worse. Easy to install, connecting module system, relay output, probes made in different lengths, power supply: VAC and VDC. High temperature version.

DESCRIPTION

LIQUICAP.400 capacitive level range offers four different models:

LIQUICAP.400.N

--Probe in PTFE to be used in general applications.

LIQUICAP.400.T

--Probe in PTFE with stainless steel ground tube. To be used in NON METALLIC tanks

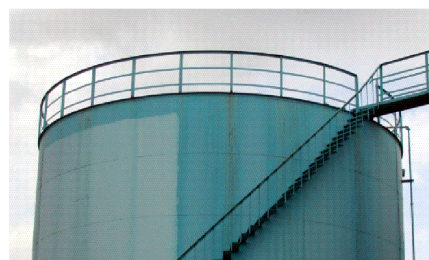
LIQUICAP.400.TE

--Probe in PTFE and squandering thread to process temperature until 125°C.

LIQUICAP.400.DS

--Double probe in PTFE to non metallic tanks containing aggressive liquids.

All models incorporate in the housing the MODCAP new connecting module. This module contains the electronic circuit with the connection terminals. Using a multi turn trimmer the sensibility can be adjusted. Two leds indicate the power supply and the output relay state. The housing incorporates two cable glands to make the connection easier.



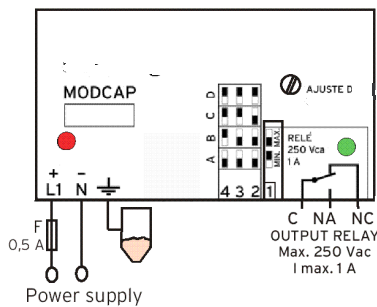
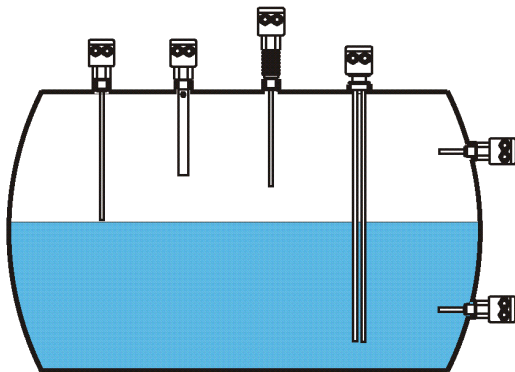
TECHNICAL DATA

- Power supply : 24, 110, 230 (Vac) or 12 to 35 Vdc
- Max. Power Consumption: 1 VA
- Stainless steel 1" BSP process connection (2" BSP in LIQUICAP.400.DS)
- Power supply led and relay state
- Polycarbonate housing IP 65
- Environment temperature: -10 a 60 °C
- Process Temp.: max. 90°C (125 °C in model TE)
- Cable Glands: 2 x M20
- Relay output: max 250 Vac 1 A
- Sensibility adjustment
- Protection to polarity changes in Vdc
- Maxim or Minimum security adjustment
- Probes in PTFE in models N, TE and DS.
- Concentric stainless steel tube in model T.

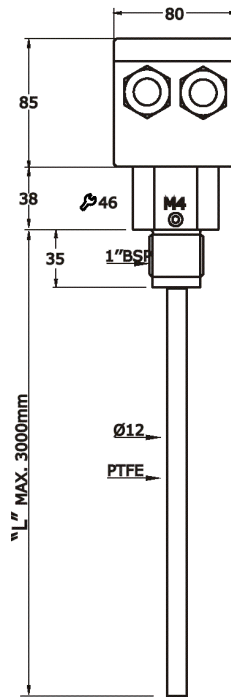
ADJUSTMENT

LIQUICAP.400 capacitive levels can control a wide variety of products. It is necessary to make a simple adjustment to guaranty the correct operation.

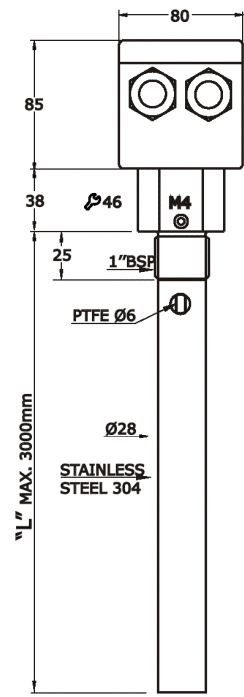
In the MODCAP module there are the selectors and the sensibility adjustment, that let to adapt every level to the tank and to the liquid you want to control.



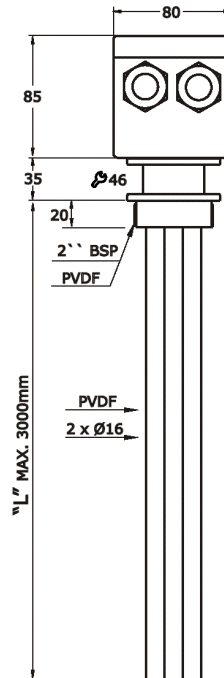
MODCAP MODULE



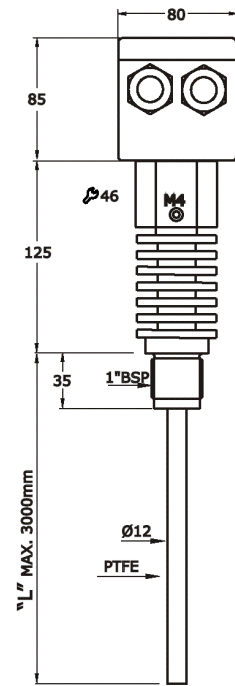
LIQUICAP.400.N



LIQUICAP.400.T



LIQUICAP.400.DS



LIQUICAP.400.TE