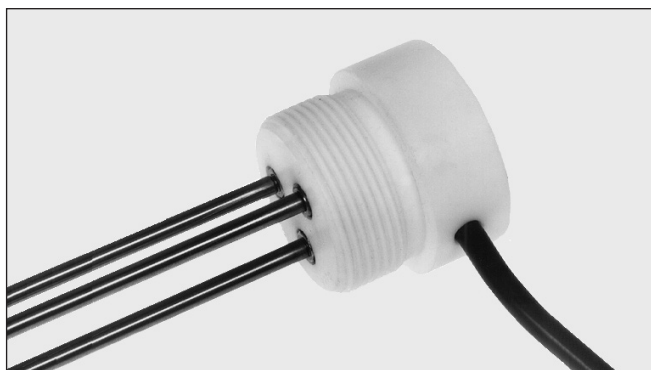


Conductive Sensors Level Probes Types VT, VTI

CARLO GAVAZZI



- Excellent resistance to chemicals
- Teflon housing
- 1 to 4 electrodes
- Isolated (teflon) or unisolated electrodes
- Cable connection
- 1 1/2" pipe thread according to ISO 228-1



Product Description

Level sensor for measuring the level of conductive liquids, i.e. max./min. control of charging for discharging. The function is determined by the amplifier relay used. The sensors are delivered with

standard length electrodes - these are cut off to suit the application. The teflon housing makes the sensor excellent for use in rough environments.

Ordering Key

VTI 4

Type _____
Housing material _____
Isolated _____
Number of electrodes _____

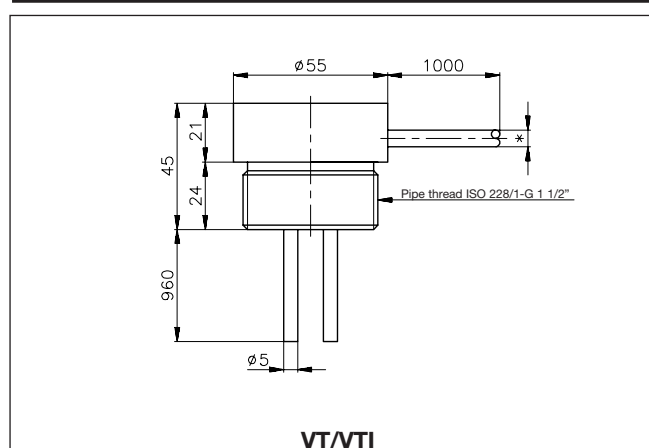
Type Selection

| Pipe thread | Electrode isolation | Ordering no. 1 electrode | Ordering no. 2 electrodes | Ordering no. 3 electrodes | Ordering no. 4 electrodes |
|-------------|---------------------|--------------------------|---------------------------|---------------------------|---------------------------|
| 1 1/2" | No | VT 1 | VT 2 | VT 3 | VT 4 |
| 1 1/2" | Yes | VTI 1 | VTI 2 | VTI 3 | VTI 4 |

Specifications

| | |
|-----------------------|-----------------------------------|
| Electrodes | |
| Isolation | Teflon (PTFE) |
| Material | Stainless steel AISI316/DIN1.4401 |
| Standard length | 100 cm |
| Diameter | Ø 5 mm |
| Housing | |
| Material | Teflon (PTFE) |
| Connection | Cable (silicone), 100 cm |
| Environment | |
| Degree of protection | IP 67 |
| Operating temperature | 0 to +145°C (+32° to +275°F) |
| Storage temperature | -40° to +160°C (-40° to +320°F) |
| Pressure | 4 bar at 143°C |
| CE marking | CE |

Dimensions



Mode of Operation

The length of the electrodes determines the levels which will be detected and the amplifier chosen determines the function (see CLP2EA1Cxxx

or CLP2FA1Bxxx). If the container is made of a conductive material this can be used as common electrode.

Accessories

Extension joint for Ø5 mm electrodes:

VD1