

# Level Sensors Conductive Types VT, VTI



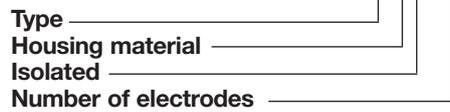
- Excellent resistance to chemicals
- Teflon housing
- 1 to 4 electrodes
- Isolated (teflon) or unisolated electrodes
- Cable connection
- 1 1/2" pipe thread

## 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



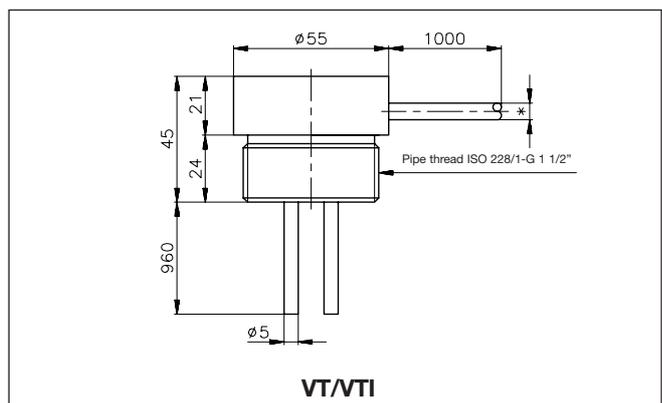
## Type Selection

| 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

|                       |                                 |
|-----------------------|---------------------------------|
| <b>Electrodes</b>     |                                 |
| Isolation             | Teflon (PTFE)                   |
| VTI                   | Stainless steel                 |
| Material              | 100 cm                          |
| Standard length       | Ø 5 mm                          |
| Diameter              |                                 |
| <b>Housing</b>        |                                 |
| Material              | Teflon (PTFE)                   |
| Connection            | Cable (silicone), 100 cm        |
| <b>Environment</b>    |                                 |
| 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                  |

## Dimensions



## Mode of Operation

The length of the electrodes determines the levels which will be detected and the amplifier chosen determines

the function (see SV..., S195/196, S1961, ELA, ELC or ELD). If the container is made of a conductive mate-

rial this can be used as common electrode.