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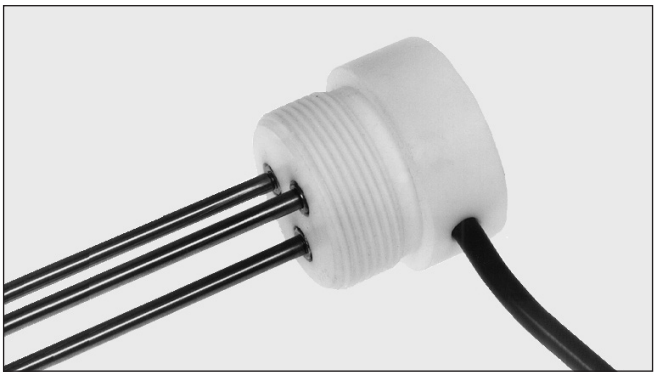
Conductive Sensors
Level Probes
Types VT, VTI



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

CE

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

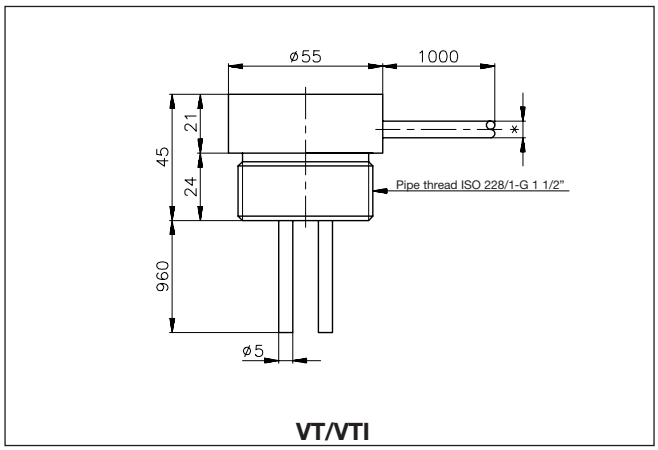
Type Selection

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	
VTI	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	IEC 529

Dimensions



VT/VTI

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 material this can be used as common electrode.

Accessories

Extension joint for Ø5 mm electrodes: **VD1**

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Product	Code	Reference	Product link
Cable MATERIAL Plastic Others SENSING FUNCTION 1 m MATERIAL Teflon (PTFE)	VT2		Buy on EAN