Specifications are subject to change without notice (28.10.2014)

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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

electrodes:

Extension joint for Ø5 mm

45

960

ø5.

VD1

VT/VTI

ø55

1000

Pipe thread ISO 228/1-G 1 1/2"

Specifications

Level sensor for measur-

ing 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

Type Selection

specifications	
Electrodes Isolation VTI	Toflop (DTEE)
Material	Teflon (PTFE) Stainless steel AISI316/DIN1.4401
Standard length	100 cm
Diameter	Ø 5 mm
Housing Material Connection	Teflon (PTFE) Cable (silicone), 100 cm
Environment Degree of protection Operating temperature Storage temperature Pressure	IP 67 0 to +145°C (+32° to +275°F) -40° to +160°C (-40° to +320°F) 4 bar at 143°C
CE marking	IEC 529

Dimensions

Pipe inread	isolation	1 electrode	2 electrodes	3 electrodes	4 electrodes
1 1/2" 1 1/2"	No Yes	VT 1 VTI 1	VT 2 VTI 2	VT 3 VTI 3	VT 4 VTI 4

Pipe thread	Electrode	Ordering no.	Ordering no.	Ordering no.	Ordering no.
	isolation	1 electrode	2 electrodes	3 electrodes	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

Level Probes Types VT, VTI

Conductive Sensors



VTI 4

Product Description

ments.

standard length electrodes -

these are cut off to suit the

application. The teflon hous-

ing makes the sensor excel-

lent for use in rough environ-

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

Ordering Key

Туре	
Housing material ——	
Isolated ———	
Number of electrodes	

