

VTLT-53 FLOAT TYPE LIQUID TEMPERATURE SWITCH
Product Description


The VTLT-53 Float-Type Liquid Level & Temperature Switch integrates liquid level detection and temperature monitoring into a single, compact device. By combining proven reed switch and bimetallic switch technologies, the TLT.01 delivers reliable and accurate performance in demanding environments.

Designed with multiple standard control-rod lengths, the VTLT-53 offers flexible installation to suit various tank sizes. It is ideal for use in small oil and water tanks, providing dependable detection of both liquid level height and temperature for process control, safety protection, and system automation.

Feature

- The Diversified customization
- High temperature resistance 120°C
- Protection IP65
- Brass material Pressure resistance (of) 20 bar
- Stainless steel Pressure resistance (of) 60 bar
- DIN43650

Application

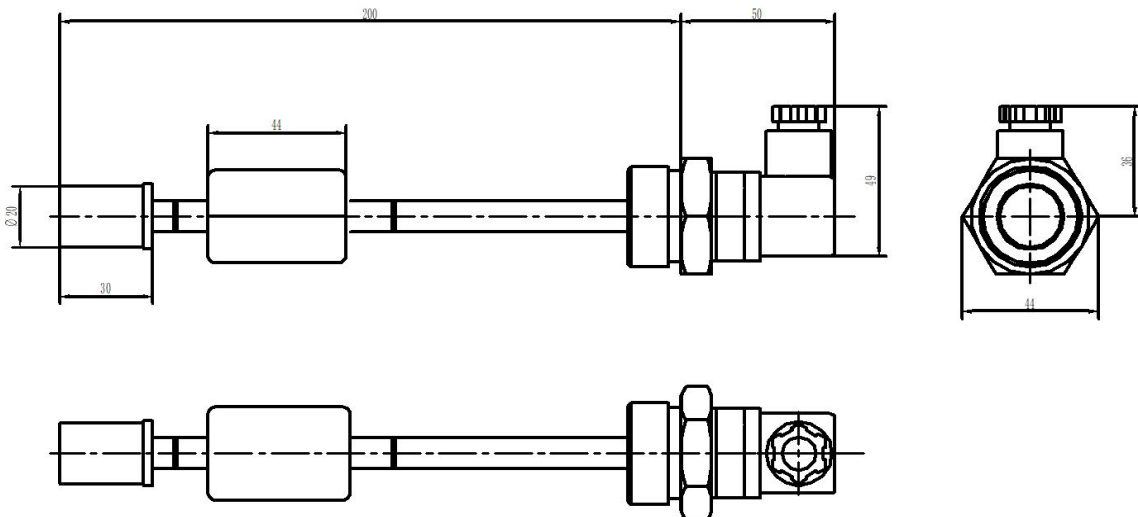
- Oil level control
- Fuel level control
- Water level control

VTLT-53 FLOAT TYPE LIQUID TEMPERATURE SWITCH
Technical Data

Measuring principle	Reed switch, bimetallic	Temp Accuracy	$\pm 3^{\circ}\text{C}$
Measuring range	$-40^{\circ}\text{C} \dots 120^{\circ}\text{C}$	Liquid level Accuracy	$\pm 5\text{mm}$
Output signal	Dry connector	Switch function	Close, Open
Electrical connection	DIN43650	Switching load	AC250V 1A
Float material	Foamed nylon	Control rod length (mm)	100, 150, 200, 250, 300, 350, 400, 450, 500

Order Information
Example: TLT.01.100.50.45A.70B.B.G1

Type	TLT		TLT	01	100	30	45A	70B	B	G1
Mechanical Structure	01	Float type liquid temperature switch	01							
Stem length	L	Default Unit mm			100					
Level action point	L	Default Unit mm				30				
Temp1 action point	TA	Temp point, normally open								
	TB	Temp point, normally close					45A			
Temp2 action point	TA	Temp point, normally open								
	TB	Temp point, normally open						70B		
Electrical connection	DIN43650								B	
Process connection	G1	G1 Male								G1

Dimension


VTLT-53 FLOAT TYPE LIQUID TEMPERATURE SWITCH**Electrical connection**