

# Liquid level gauge with temperature Indicator

## Product Introduction

YWZ-76~500 series liquid level and temperature gauges (hydraulic accessories):

Our factory produces YWZ series liquid level and temperature gauges according to the new national standard G81161-90, which are essential accessories on oil tanks, lubrication devices, cooling boxes and gear transmission boxes.

They can indicate the level and temperature of the liquid.

This product has the characteristics of novel design, beautiful appearance, clear liquid level and temperature display and rich three-dimensional sense. It has the advantages of superior assembly performance, sturdiness, crack resistance, shock resistance and leak resistance

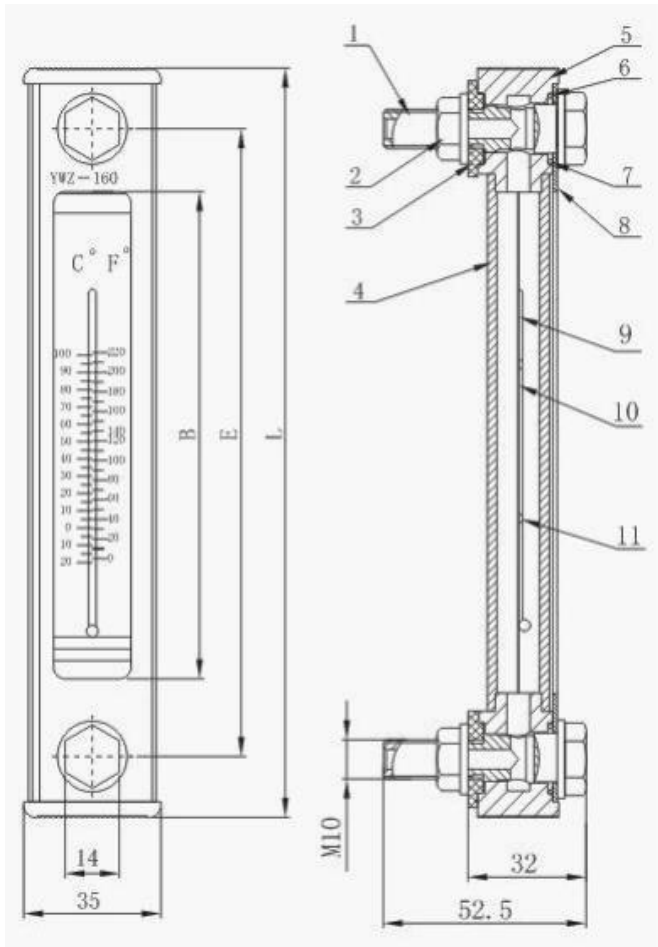


## Specification parameters

1. Measurement temperature: -20+100°C and expressed in Celsius and Fahrenheit
2. Pressure class: 0.1-0.15 MPa
3. Measurement accuracy: Level 2.5%

The specific installation and connection dimensions are as follows

Item Number	Size (mm)		
	L	E	B
YWZ-76	108	76	37
YWZ-76T			
YWZ-80	112	80	42
YWZ-80T			
YWZ-100	132	100	62
YWZ-100T			
YWZ-125	157	125	87
YWZ-125T			
YWZ-127	159	127	89
YWZ-127T			
YWZ-150	182	150	112
YWZ-150T			
YWZ-160	192	160	122
YWZ-160T			
YWZ-200	232	200	162
YWZ-200T			
YWZ-250	282	250	212
YWZ-250T			
YWZ-254	286	254	216
YWZ-254T			
YWZ-300T	332	300	262
YWZ-350T	382	350	312
YWZ-400T	432	400	262
YWZ-450T	482	450	412
YWZ-500T	532	500	462



#### Descriptions:

- 1, screw
- 2, nut
- 3, sealing washer
- 4, standard body
- 5, head
- 6, O-ring
- 7, O-ring
- 8, housing  
- plastic or aluminium
- 9, thermometer
- 10, label
- 11, wire binding

#### How to select a model

According to the center distance [E] size of the selected specification, machine two installation holes. For example, when the wall thickness of the fuel tank is  $\leq 10\text{mm}$ , the smooth holes for the two installation threaded nails are  $\varnothing$  If the wall thickness of the fuel tank is greater than 10mm, the threaded holes for the two installation screws should be M10, and then the planes of the above two holes should be treated to prevent oil leakage and other issues after installation.

#### Install and use

1. The installation direction should be such that the liquid level pipe (plate) is perpendicular to or at a large angle to the horizontal plane, and do not make the liquid level pipe (plate) parallel to the horizontal plane.
2. After installing the specimen, screw on the bimetallic thermometer again. Do not tighten it by rotating the gauge head, but use a wrench to tighten it at the hexagon behind the gauge head.
3. In order to ensure the accuracy of the thermometer, the depth of the sensing tube entering the measured medium should meet the requirement of "Insertion length of the sensing tube into the medium:  $>90\text{mm}$ ".
4. During transportation, storage, installation, and use of thermometers, collision should be avoided to avoid bending and deformation of the sensing tube.
5. The temperature value at which the thermometer frequently operates should be within 1/2-3/4 of the maximum range.
6. The surface of this product should not come into contact with banana water.