

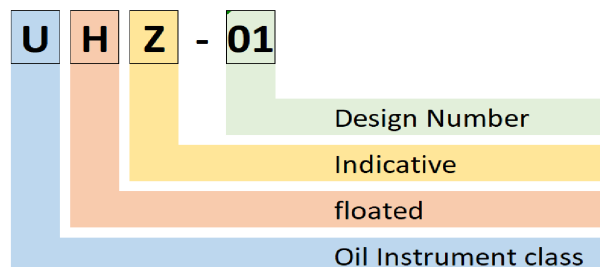
UHZ-01

Oil Level Gauge

Nivel de Aceite Transformadores

Product model and specification

The UHZ-01 oil level gauge is named as follows :



This oil level gauge is suitable for oil level indication of small and medium-sized oil-immersed transformer oil conservators and on-load switch oil conservators, and can also be used for liquid level measurement of other open or pressure-bearing containers, replacing the connected glass tube level gauge. , with safety, intuitive, reliable, long life and so on.

Working conditions

Working environment temperature : -40℃~80℃
Relative humidity: when the air temperature is 25℃, the humidity is not more than 90%
Altitude : ≤2000m
There is no violent vibration and magnetic field in the installation position
The oil level gauge should be installed vertically

Structure and working principle

- (1) *Oil level gauge structure*: The oil level gauge consists of a float, a connecting rod, a table base, a magnet, a pointer, etc. Since the oil level gauge seat completely isolates the float and the pointer, the reliability of the oil level gauge seal is guaranteed.
- (2) *Working principle*: When the oil level in the oil conservator rises or falls due to temperature or other reasons, the float of the oil level gauge rises or falls synchronously with the oil level, thereby driving the pointer to rotate to indicate the oil level.

Installation and use

- (1) The oil level gauge uses the oil temperature of 25℃ as the reference temperature of the oil level, so the correct height of the oil level should be calculated according to the measured oil temperature during installation.
- (2) The maximum effective measuring range of this oil level gauge (standard type) is 100mm. If there are other requirements, users can customize it as needed.

Matters needing attention

- (1) The oil level gauge should not be subjected to strong impact.
- (2) The connecting rod of the oil level gauge should not be stretched or bent and deformed, and there should be no strong magnetic field nearby during use.
- (3) The sealing ring in the installation diagram plays the role of preventing oil leakage. If it cannot be sealed, check whether the screws are tightened, or the contact between the mounting plate and the sealing ring is not smooth.

Dimensions and installation	Mounting seat diagram (for reference only)
