

Description

ZMJ60XD Density Monitors are used to monitor SF_6 gas density in sealed tanks. They are applied to indicate the gas density and to provide signal outputs when the density reaches the set values. They are designed to monitor High Voltage systems. They can provide multiple solutions to support new substations and the renovation and upgrading of existing substations.

Features

Options

gases

ZMJ60XD Density Monitors

- Higher accuracy from reference chamber temperature compensation technology.
- Suitable for indoor or outdoor installation.
- Micro-switch that can switch freely between normally open and normally closed points.
- Up to 4 pairs of switches, multiple options such as double alarms and double locks can be realized, making monitoring more secure and reliable.
- High shock resistance.
- No need to fill oil, no oil leakage risk.

■ Wider temperature range: -40°~ +60°C

■ Measuring Medium: SF₆, Air, N₂, SF₆ + N₂ and other

Normally closed contacts will not falsely alarm due to vibration.

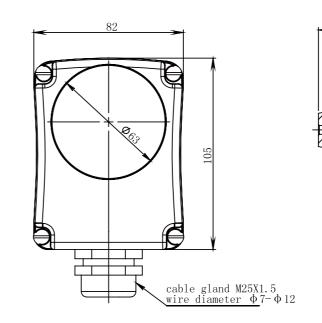
Technical Parameters

- Scale range
- Accuracy of set point
- Accuracy of indicator
- Degree of protection
- Ambient conditions
- Leakage rate
- Process connection
- Installation method
- Electrical connection
- Insulation properties

Contact type

- Impact rating
- Contact electrical parameters
- Window glass
- Weight
- Pressure element

Dimensions



Application

- SF₆ Gas Insulated Switchgear (GIS)
- SF₆ Insulated Circuit Breakers
- SF₆ Insulated Pole-Mounted Switch
- SF₆ Insulated Transformers
- SF₆ Insulated Current Transformers or Voltage Transformers
- SF₆ Insulated Busbar Systems

-0.1~0.9MPa
± 10 KPa @-30°C \sim +60°C (gas phase)
Within the range of the dial $\pm 10~{\rm KPa}$ @20°C $\pm 1^{\circ}{\rm C}$
IP65
-20°C to+60°C, relative humidity \leq 95%RH
\leqslant 1×10 $^{.9}$ Pa-m $^3/s$ (Helium leakage inspection)
M20×1.5 (customizable)
Radial or Axial
Pluggable connector, wire diameter 0.2~ 2.5mm ²
Insulation resistance: $>100~\text{M}\Omega$ (DC 500V) Withstand voltage: 2kV, 50/60 Hz, 1min
Microswitch
50g
10(1.5)A,250V AC 0.1(0.05)A,250V DC
Laminated safety glass
$\approx 1.0 \text{kg}$
Bellow

