ZMJ60V
Density Monitor

LANSO®

SF6 measuring



Description

These instruments are used to monitor the density of SF6 gas in sealed tanks, and can be widely used in medium voltage switchgear, RMU. It’ s suitable for outdoor harsh external conditions.
It can provide multiple solutions to support new substations and the intelligent transformation of existing substations.
The electrical maintenance personnel can make SF6 gas density monitor calibration or gas filling without disassembling SF6 density monitor.

Applications

- Different measuring ranges
- Wide temperature range -60° C to +60° C
- Can detect SF6, Air, N2, SF6+N2 and other gases
- Remote transmission function

Options

- Measuring range
- Ambient condition
- Outlet Direction and cable length
- Installation method
- Suitable for High-altitude environment
- Used to detect SF6,Air,N2,SF6+N2 and other gases

Technical Data

Case diameter:
Φ64mm

Case material:
Stainless steel

Scale range:
0 to 2bar (abs.) or -1 to 6bar

Accuracy:
Class 1.5 at20° C; class 2.5 at-40° C to 60° C (gas phase)

Ambient conditions:
-40° C to 60° C, relative humidity ⩽ 95%RH

Product Features

- Volume minimization, customized installation interface, convenient and reliable.
- Pressure interface customized in accordance with customer’ s demands.
- A plurality of switching contacts can be provided according to user’ s needs.
- Without disassembling SF6 density monitor, SF6 gas density monitor can be calibrated or replaced
- Without disassembling the screws, a person can operate independently, which is convenient, saving effort and time
- It can facilitate on-site personnel to measure micro-water and supplement air for switch
- Avoid the sealing surface and sealing joint damage caused by the disassembling

Degree of protection:
IP65

Leakage rate:
$< 1 \times 10^{-9}$ Pa · m^3/s (helium leak check)

Contact type:
Magnetic snap-action switch (Maximally three groups, normally open or normally closed)

Pressure connection:
M20×1.5 (customizable)

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Maintenance connection:
M16×1.5 (customizable and additional adapter needed to the calibrator or gas tank)

Installation method:
radial or axial

Pressure-sensitive component:
imported Bourdon tubes

Insulation properties:
Insulation resistance: >100 MΩ (500 V DC)
Withstand voltage: 2000V, 50/60 Hz 1 min

Contact electrical parameters:
Power: 30VA
Maximum operating voltage: 380V
Maximum current: 1A

Weight:
0.5kg

Dimensions

