6 DMJ60R DIGITAL REMOTE-TRANSMISSION DENSITY METER

Description

These instruments are used to monitor the density of SF_6 gas in sealed tanks. They are applied to indicate the gas density and to provide a signal outputs when the density reaches the set value. They can transmit the real-time data of SF_6 gas density remotely and achieve the online remote monitoring. They are applied to indicate the gas density and reliably output SF_6 gas density signal for remote monitoring. They can be widely used in monitoring medium voltage system. They can provide multiple solutions to support new substations and the intelligent transformation of existing substations.

Application

SF_6 gas Insulated RMU SF_6 gas Insulated Switchgear

Features

1. On-site digital display and control
2. RS485 bus interface, which is easy to expand the system, can achieve telemetry and remote control function, showing strong anti-electromagnetic interference ability
3. Suitable for indoor or outdoor installation
4. The on-site display value and the output signal are not affected by the external environment (altitude factor, etc.)
5. Utmost three pairs of switching contacts
6. Small size, installation interface can be customized, convenient and reliable
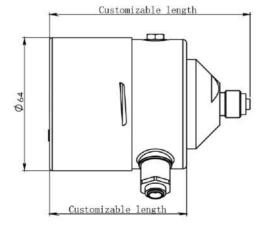
Options

1. Measuring range
2. Ambient condition
3. Outlet Direction and cable length
4. Installation method
5. Suitable for High-altitude environment
6. Can detect SF_6, Air, N_2, $SF_6 + N_2$ and other gases

Technical Data

1. Case diameter: Φ64mm
2. Scale range: 1.0 to 2bar abs
3. Accuracy:
   a) At 20°C: Class 1.0 or 1.5
   b) -30°C to +60°C: Class 2.5
4. Degree of protection: IP65
5. Ambient conditions:
   -30°C to +60°C, relative humidity ≤ 95%RH
6. Leakage rate:
   $\leq 1 \times 10^{-9}$ Pa·m³/s (Helium leakage inspection)
7. Process connection: M20×1.5 (customizable)
8. Installation method: radial or axial
9. Electrical connection:
   Multi-core cable; 1 meter long (customized)
10. Insulation properties:
    Insulation resistance: >100 MΩ (500 V DC)
    Withstand voltage: 2kV, 50/60 Hz 1 min
11. Contact type:
    Electronic magnetic signal contact
12. Contact electrical parameters:
    2A 30VDC (Resistive load)
13. Weight: 0.3kg

Dimensions