

DT26

Density Transmitter

LANSO[®]

SF₆ measuring



Options

- Pressure connection: M20×1.5 (customizable)
- Measuring gas medium:
SF₆、 Air、 N₂、 SF₆+N₂ and other gases

Technical Data

Scale range:

0 to 1.0MPa abs. or 0 to 0.2MPa abs.(customizable)

Accuracy:

(related to the measuring span; SF₆ in gas phase)

At 20°C: Class 1.0
-40°C ~ +60°C: Class 2.0

Degree of protection: IP65

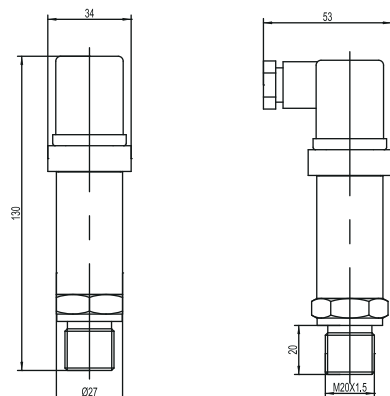
Ambient conditions:

working temperature: -40°C to 60°C
relative humidity ≤ 95%RH

Leakage rate:

≤ 1 × 10⁻⁹ Pa · m³/s (Helium leakage inspection)

Dimensions



Description

These instruments are used to monitor SF₆ gas density in sealed tanks. It can provide multiple solutions to support new substations and the intelligent transformation of existing substations.

Applications

- SF₆ Gas Insulated Switchgear (GIS)
- SF₆ insulated circuit breakers
- SF₆ insulated pole-mounted switch
- SF₆ insulated transformer
- SF₆ insulated mutual inductor
- SF₆ Gas insulated busbar systems
- SF₆ insulated inflatable cabinet
- SF₆ insulated RMU

Features

- SF₆ gas remote density transmitter suitable for medium and high pressure system monitoring
- All welded sensor structure, long - term stable sealing performance
- RS485 bus communication
- The EMC characteristics of the transmitter fully meet the highest requirements of IEC 61000-4-2 to IEC 61000-4-6 standards
- Compact design

Electrical connection: Angular connector

Weight: 0.2kg

Main electrical performance indicators and specifications of the remote transmission part

Power supply: 24V DC
Power consumption: < 0.2W
Communication mode: RS485
Protocol: ModBus RTU
Baud rate: 9600bps

Anti-electromagnetic interference

IEC61000-4-2: level 4 (8kV/15kV)
IEC61000-4-3: level 3 (10V / m)
IEC61000-4-4: level 4 (4kV)
IEC61000-4-5: level 4 (4kV/2kV)
IEC61000-4-6: level 3 (10V)