

ZMJ60V型 免拆卸校验密度继电器

LANSO®

SF₆测量系列



可选功能

- 不同的测量范围
- 更宽的温度范围：-60℃ ~ +60℃
- 可检测SF₆、Air、N₂、SF₆+N₂等气体
- 远传功能

技术参数

外壳直径:	Φ64mm
外壳材质:	不锈钢
测量范围:	0 ~ 2bar (abs.) 或 -1 ~ 6bar
测量精度:	1.5 级 (at 20℃) ; 2.5 级 (at -40℃ ~ +60℃) (气态)
工作温度:	-30℃ ~ +60℃, 相对湿度 ≤ 95%RH
防护等级:	IP65
泄漏率:	≤ 1 × 10 ⁻⁹ Pa · m ³ /s (氦气检漏)
接点类型:	磁助式电接点开关 (最大3组, 常开或常闭)
本体接口:	M20 × 1.5 (可定制)
校验补气接口:	M16 × 1.5 (需配专用充气 and 校验转接头, 转接头尺寸可定制)
安装方式:	径向或轴向
绝缘性能:	绝缘电阻: > 100MΩ (DC 500V) 工频耐压: 2000V, 50/60 Hz 1 min
接点电气参数:	功率: 30VA, 最高工作电压: 380V 最大通过电流: 1A
重量:	0.5kg
感压元件:	波顿管

产品概述

用于监控密闭容器中气体的密度, 可广泛应用于中压开关柜、环网柜。可提供新建变电站配套及现有变电站改造等多种解决方案。该产品在原有的密度继电器的基础上, 增加了校验、补气接口。实现了能在不拆卸密度继电器的情况下对当前工作的密度继电器进行在线校验, 也可以对气室进行补气。满足国网检测大纲内的要求。

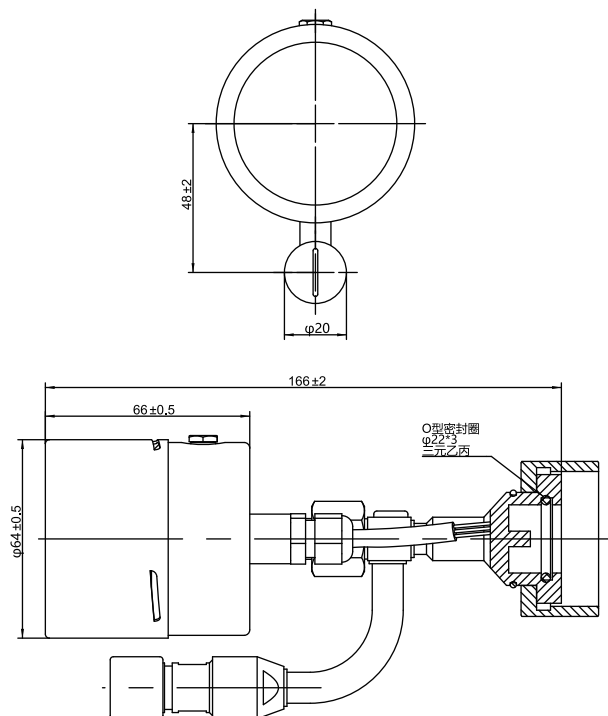
应用范围

- SF₆ 气体绝缘环网柜
- SF₆ 气体绝缘开关柜

产品特点

- 体积最小化, 安装接口特别定制, 方便可靠
- 按照客户需求定制压力接口
- 可根据用户需求提供最多3组开关动作接点
- 不拆卸SF₆密度继电器, 即可对SF₆气体密度继电器进行校验或更换
- 无须拆卸螺丝, 一人即可独立操作, 方便、省力、省时
- 便于现场人员对开关和仪表进行补气和校验操作
- 避免了因拆卸而引起的密封面、密封圈损害

结构规格



ZMJ60V Free Disassembly Check Density Monitor

LANSO®

SF₆ measuring



Options

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

Technical Data

Case diameter: Φ64mm
Case material: Stainless steel
Scale range: 0 to 2bar (abs.) or -1 to 6bar
Accuracy:
Class 1.5 at 20°C; Class 2.5 at -40°C to 60°C (gas phase)
Ambient conditions:
-40°C to 60°C, relative humidity ≤ 95%RH
Degree of protection: IP65
Leakage rate:
< 1 × 10⁻⁹ Pa · m³/s (helium leak check)
Contact type: Magnetic snap-action switch (Maximally three groups, normally open or normally closed, customized by 3 groups according to users' needs)
Pressure connection: M20 × 1.5 (customizable)
Maintenance connection: M16 × 1.5 (customizable and additional adapter needed to the calibrator or gas tank)
Installation method: radial or axial
Insulation properties:
Insulation resistance: >100 MΩ (500 V DC)
Withstand voltage: 2kV, 50/60 Hz 1 min I

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

- SF₆ gas Insulated RMU
- SF₆ gas Insulated Switchgear

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

Contact electrical parameters:

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

Weight: 0.3kg

Pressure-sensitive component:

imported Bourdon tubes

ZMJ60V Free Disassembly Check Density Monitor

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SF₆ measuring

Dimensions

