

FXM60 Series SF₆ Gas density monitor

FXM60

Applications

- Medium-voltage equipment
- Gas density monitoring of closed SF₆ /or mixed gas tanks
- Raising an alarm when defined limit values have been reached

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Product features

- Hermetically sealed case from stainless steel
- On-site display with switch contact
- Temperature-compensated and hermetically sealed, therefore no influence of temperature fluctuations, differences in level and atmospheric pressure fluctuation
- Compensation possible for gas mixtures
- Traceability by serial number
- Pressure interface customised in accordance with customer requirements
- Utmost three pairs of switching contacts can be provided according to the needs of the user

Specifications

Range	0~2bar(customized)
Quantity of switch contacts	≤3group
Material of switch contacts	80%Ag/20%Ni,gold-plated
Weatherprotection	IP65
Accuracy specifications	±1%/±1.6% at an ambient temperature of +20°C;±2.5% at an ambient temperature of -40°C ~ +60°C
Insulation propertie	Insulation resistance>100M(500V DC);AC withstand voltage ≥ 2kV,50/60Hz 1min
Contact electrical parameters	≤30VA; ≤1A; ≤220VDC/380VAC
Ambient temperature	-40°C~+60°C, Permissible humidity≤95%RH
Housing diameter	60mm
Installation orientation	Axial
Pressure element's gas-tight	Leakage rate ≤ 1×10 ⁻⁹ Pa·m ³ /s(Helium mass spectrometry)
Process connection	M20×1.5(customized)
Weight	≈0.3 kg

Dimensions

