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



Product features

- Hermetically sealed case from stainless steel
- On-site display with switch contact

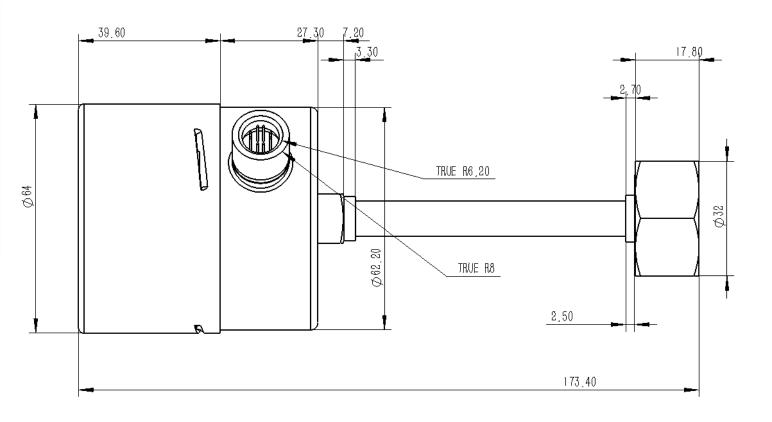
- FXM60 Series SF₆ Gas density monitor
- Temperature-compensated and hermetically sealed, therefore no influence of temperature fluctuations, differences in level and atmospheric pressure fluctuation
- Compensation possible for gas mixtures
- Traceability by serial number
- Pressure interface customised 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 | $\pm 1\%/\pm 1.6\%$ at an ambient temperature of $+20$ °C; $\pm 2.5\%$ at an ambient temperature of -40 °C $\sim +60$ °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 $\leq 1 \times 10_{-9} \text{Pa} \cdot \text{m3/s}$ (Helium mass spectrometry) |
| Process connection | M20×1.5(customized) |
| Weight | ≈0.3 kg |

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Ordering information

Specifications and dimensions given in this leaflet represent the state of engineering at the time of printing Modifications may take place and materials specified may be replaced by others without prior notice



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