

# KL60R

## Remote-Transmission Density Meter



### Description

These instruments are used to monitor the density of SF<sub>6</sub> gas in sealed tanks and can be widely used in medium voltage switchgear and RMU. They are applied to indicate the gas density and reliably output SF<sub>6</sub> gas density signal for remote monitoring. They can provide multiple solutions to support new substations and the intelligent transformation of existing substations.



KL60R Remote-Transmission Density Meter

### Features

- Volume minimization, customized installation interface, convenient and reliable.
- Pressure interface customized in accordance with customer's demands.
- Utmost three pairs of switching contacts can be provided according to user's needs.
- The RS485 remote function ensures remote monitoring.

### Application

- SF<sub>6</sub> gas Insulated RMU
- SF<sub>6</sub> gas Insulated Switchgear

### Options

- Measuring range
- Ambient condition
- Outlet Direction and cable length
- Installation method
- Suitable for High-altitude environment
- Measurement Medium: SF<sub>6</sub>, Air, N<sub>2</sub>, SF<sub>6</sub> + N<sub>2</sub> and other gases

### Technical Parameters

Case diameter	Φ64mm
Scale range	1.0 to 2bar abs
Accuracy	a) At 20° C: Class 1.0 or 1.5 b) -40° C to +60° C: Class 2.5
Degree of protection	IP65
Ambient conditions	-40° C to +60° C, relative humidity ≤ 95%RH
Leakage rate	≤ 1 × 10 <sup>-9</sup> Pa·m <sup>3</sup> /s (Helium leakage inspection)
Process connection	M24×1.5 (customizable)
Installation method	radial or axial
Weight	0.3kg

### Dimensions

