

RDH40 SF₆ Gas density and dew transmitter

Description

RDH40 Gas Density and Dewpoint Transmitter is mainly used to monitor the temperature, pressure, density and moisture content of SF_6 gas in closed containers, with real-time remote monitoring function. The intelligent compensation technology is used inside the product, which can track the nonlinear change of SF₆ gas pressure and the change of micro-water content in real time, and the measurement is accurate and widely used. Suitable for monitoring of medium and high voltage systems. It can be used in the new substation building and the renovation and smart upgrading of existing substation.

Features

- Suitable for medium or high volatage systems.
- Multi-parameter instrument for simultaneous monitoring of gas dew point, density, pressure and temperature with excellent accuracy.
- RS485 bus interface (Modbus RTU).
- Small size, beautiful structure.



- SF₆ Insulated Circuit Breaker
- SF₆ Insulated Pole-Mounted Switch
- SF₆ Insulated Transformer

Application Range

- SF₆ Insulation Current Transformer or Voltage Transformer
- SF₆ Insulated Bus System

●ptional features

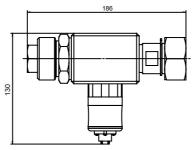
Measuring Medium: SF₆, Air, N₂, SF₆+N₂ and other gases

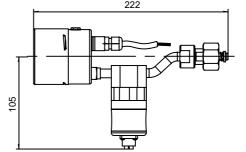
Remote part of the	main electrical perfo	ormance indicators a	nd specifications

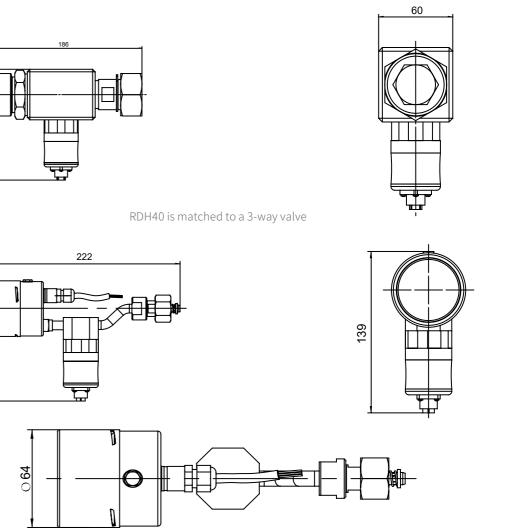
Operating voltage	10~30VDC	EMC Class	IEC61000-4-2: Level 4 IEC61000-4-3: Level 3 IEC61000-4-4: Level 4 IEC61000-4-5: Level 4 IEC61000-4-6: Level 3 IEC61000-4-8: Level 5 IEC61000-4-9: Level 5
Power consumption	<0.5W		
Communication mode	RS485		
Communication protocol	Modbus RTU		
Baud rate	9600bps		

Pressure measuring range Dew measuring range Accuracy of transmitter Degree of protection Ambient condition Leakage rate Process connection Electrical connection Weight

Dimensions







The RDH40 is matched to a medium pressure gauge

