SG100-SO2 ONLINE GAS DETECTOR

SG100-SO2 gas detector is an intelligent hot-pluggable fixed gas detector, which is easily for maintenance after installation and continuous monitoring of toxic gases, oxygen, flammable gases. With IECEx, ATEX certifciates, explosion level reaches Ex db IIC T6 GB/E x db ia IIC T6 G B/Ex da db ia IIC T6 GB. Having a 3-wire 4 to 20 mA analog output with relays, it also offers HART, RS485 Modbus protocol, making it compatible with most control systems. Adopt magnetic wand design, it's safe and easy to do menu navigation in explosion areas.

Detected Gas	SO2/Sulfur dioxide
Measure Range	0-10ppm、0-20ppm、0-50ppm、0-100ppm (to be specialized)
Install Method	Wall-mounted, piping type, flow-type
Output signal	4-20mA, 1-5V, 2-10V, RS485, RS232, relays (optional)
Precision	≤±1%F.S. (to be specialized)
Zero shift	≤±1%（F.S./year）
Display	4 digits Nixie tube display.
Connection mode	G3/4 external thread explosion-proof flexible pipe
Thread Size	Standard M20*1.5, 3/4NPT
Temperature	−20℃～50℃ (electrochemistry principle), −40℃～70℃ (catalytic combustion principle)
Humidity	10-95%RH (non-condensing)
Explosion-Proof	Ex db IIC T6/ Ex db ia IIC T6 Gb/ Ex da db ia IIC T6 Gb
Degree of protection	IP66/IP67
Material	Case: Die-cast aluminum Sensor housing: aluminum alloy or 316 stainless steel
Power	12-24V DC
Dimensions	158×129×70mm
Weight	≤1kg
Approval	CE, CNEX explosion proof certificate, CMC(China Metrology Certification), IECEx, ATEX
Warranty	12 months