



Oxygen Detector-Transmitter 산소 센서 | E2608-02

Features

- Wall-mount 또는 Duct-mount
- IP65 하우징
- 알람과 환기 컨트롤을 위한 2개의 릴레이
- 2 Analog output 4-20mA or 0-10 V
- RS485 Modbus RTU
- 부착 또는 원격 센서

Applications

산소 센서는 용수, 폐수, 화학, 발전, 생명 과학, 제약, 식음료, 어류 양식 등 다양한 산업 분야에서 사용되고 있습니다.



■ 제품사양

Sensor type	electrochemical cell
Sampling method	diffusion
Typical detection range	0...25% vol
Maximum overload	30%
Resolution / digital unit	0.01 % vol
Response time T90	< 15 s
Sensor lifetime	>2 years
Calibration interval	6 months
Signal update	every 1 second
Power supply options	24 VAC or 90...265 VAC (with mains power unit)
Power consumption	< 2 VA
Load resistance	$R_L < (U_s - 2 V) / 22 \text{ mA}$ for 4-20 mA $R_L > 250 \text{ k}\Omega$ for 0-10 V mode
Digital interface	RS485, Modbus RTU protocol no galvanic isolation
Analog outputs	2 × 4-20 mA / 0-10 V, user settable
Outputs assignment	OUT1 2 gas; OUT2 2 gas
Output scale width	> 10 × resolution Recommended: 20-100% of the detection range
Relay outputs	2 × SPST, max 5 A, 30 VDC / 250 VAC
Default alarm setpoints	RE1 (HIGH): set 19.5%, release 20.5% RE2 (LOW): set 18%, release 19%
Cable connections	screwless spring loaded terminals
Enclosure	grey ABS, wall mount, protection class IP65
Dimensions	H85 × W82 × D55 mm
CE marking	according to 2014/30/EU and EN61326-1 requirements
Operating conditions	-30...50 °C, 15...90 %RH, atmospheric pressure ±10% non ATEXrated areas, non-aggressive atmosphere NOTE The sensor may exhibit considerable sensitivity to highly oxidising gases (e.g. ozone, chlorine) at high concentrations

■ 제품사이즈

