메 탄 감 지 기
신호전송제어기
E2608-CH4

IP65 | 4-20mA 0-10V | RS485 Modbus

장점

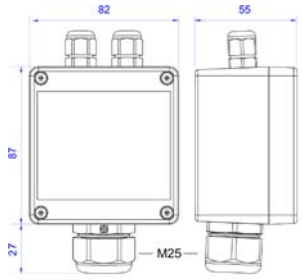
- 벽 장착형 또는 덕트 장착형
- 산업용 **IP65** 외함
- 경보/ 환기 제어용 계전기 **2** 개
- **2** 개의 선형출력을 **4- 20mA** 또는 **0- 10V**로 설정
- **RS485 Modbus RTU** 디지털 인터페이스
- 부착형 또는 원격 감지기형

기술규격

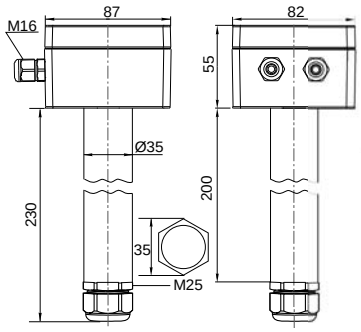
Calibration	**Methane CH4**	
Sensor type	metal-oxide semiconductor catalytic bead on demand	
Sampling method	diffusion	
Sensor type	MOS	catalytic
Typical detection range	0...100% LEL	0...100% LEL
Resolution / digital unit	0.1% LEL	1% LEL
Response time T90	ca. 60 s	8 s
Sensor lifetime	> 5 years	> 2 years
Calibration interval	12 months	3...6 months
	-30...+70 °C	-20 to +60°C
Operating conditions	<95 %RH, atmospheric pressure ±10%; non ATEX rated spaces normal ambient oxygen level avoid strong mechanical shock, vibrations or EMI; avoid exposure to corrosive gases or silicone containing products	
Signal update	every 1 second	
Self-diagnostics	full functionality check at start-up	
Warm-up time	< 3 minutes, depending on unpowered period and atmosphere	
Power supply	11...30 VDC, 24 VAC or 90...265 VAC	
Power consumption	< 2 VA	
Digital interface	RS485, Modbus RTU protocol	
Analog outputs	2 × 4-20 mA / 0-10 V, user settable	
Output relays	2 × SPST relays (closing contact), 250 VAC / 30 VDC, 5 A max	
Default alarm set-points	LOW: set 20 %LEL, release 16% LEL; HIGH:set 50%LEL, release 40% LEL	
Enclosure	light grey ABS plastic, wall mount, protection class IP65	
Dimensions	H85 × W82 × D55 mm	
Remote sensor probe	protection IP65, shielded cable default cable length 3.0 m	
Operating environment	실내와 실외 겸용	

* 다른 규격의 제품은 별도로 문의 요망

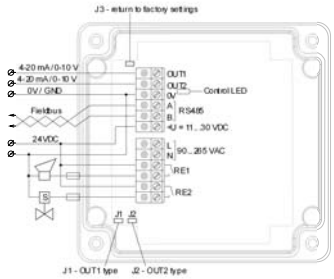
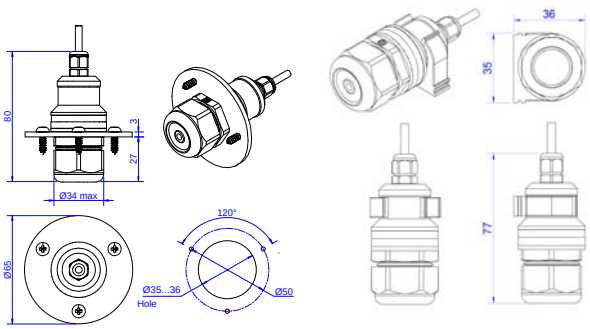
벽부형



덕트형



연결배선도



원격감지기