



# Chlorine Detector-Transmitter E2608-Cl2



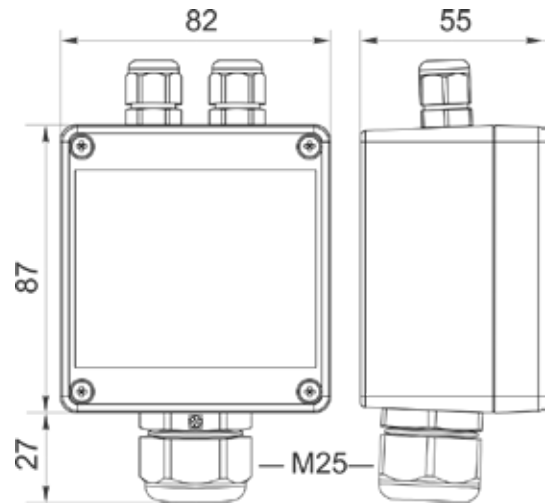
## Features

- Wall-mount or duct-mount version
- Industrial IP65 housing
- Two analog outputs settable to 4-20 mA or 0-10 V
- RS485 Modbus RTU digital interface
- Two relays for alarm / ventilation control
- Attached or remote sensor

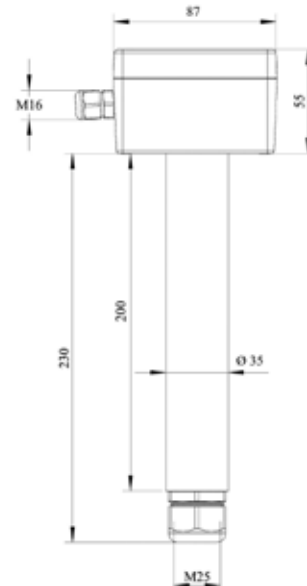
## Specifications

Calibration	Chlorine Cl <sub>2</sub>
Sensor type	Electrochemical
Sampling method	Diffusion
Typical detection range	0...10 ppm
Maximum overload	100 ppm
Resolution / digital unit	0.1 ppm
Response time T90	< 60 s
Signal update	Every 1 second
Sensor lifetime	> 1 year
Maintenance interval	6 months
Self-diagnostics	Full functionality check at start-up
Warm-up time	≤ 1 min
Power supply	12...36 VDC (default), 24 VAC or 230 VAC as options
Power consumption	< 2 VA
Digital interface	RS485, Modbus RTU protocol
Analog outputs	2 × 4-20 mA / 0-10 V, user settable
Output scale width	Recommended: 20-100% of the range; > 10 × resolution in any case
Output relays	2 × SPST relays (closing contact), 250 VAC / 30 VDC, 5 A max
Default alarm setpoints	LOW: set 0.5 ppm, release 0.4 ppm HIGH: set 1 ppm, release 0.8 ppm
Enclosure	Grey ABS plastic, wall mount, protection class IP65
Dimensions	H87 × W82 × D55 mm
Remote sensor probe	Protection IP65, shielded cable default cable length 3.0 m
Operating environment	Industrial indoor and outdoor locations
Operating conditions	-20...+50 °C, 0.9...1,1 atm 15...90% RH non-condensing Explosion-safe areas Non-aggressive atmosphere <b>NOTE!</b> We offer technical solutions for extreme humidity, please ask for more information

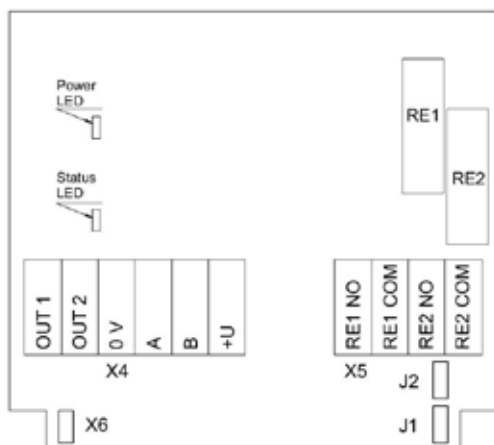
### Wall mount version



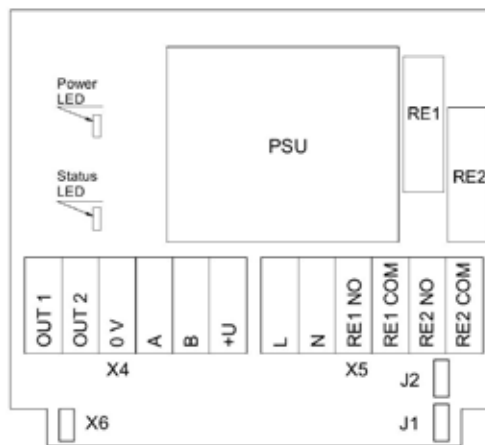
### Duct mount version



## Connection diagrams



Version without PSU



Version with PSU

### Jumpers

J1                   OUT1 type (open: 4-20 mA; closed 0-10 V)  
 J2                   OUT2 type (open: 4-20 mA; closed 0-10 V)  
 X6                   Reset Modbus network parameters to default

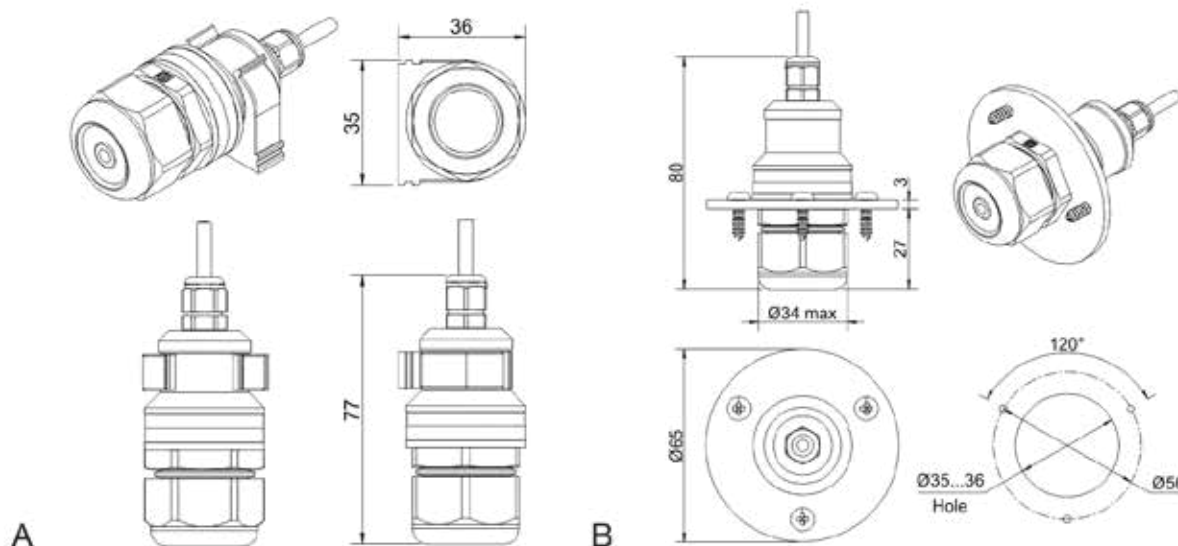
### X4 terminals

OUT1               4-20 mA / 0-10 V output  
 OUT2               4-20 mA / 0-10 V output  
 0V                 0 V / 24 VAC Neutral (optional)  
 A                  RS485 A / Data +  
 B                  RS485 B / Data -  
 +U                 +24 VDC / 24 VAC Phase (optional)

### X5 terminals (optional)

L                   90...265 VAC Phase  
 N                   90...265 VAC Neutral  
 RE1 NO           Relay 1, normally open terminal  
 RE1 COM         Relay 1, common terminal  
 RE2 NO           Relay 2, normally open terminal  
 RE2 COM         Relay 2, common terminal

## Remote probe



Wall mount remote probe with fixing clamp (default version)

Remote probe with rubber flange and three self-tapping screws (on request)

