

# Carbon Monoxide Transmitter E2618-CO



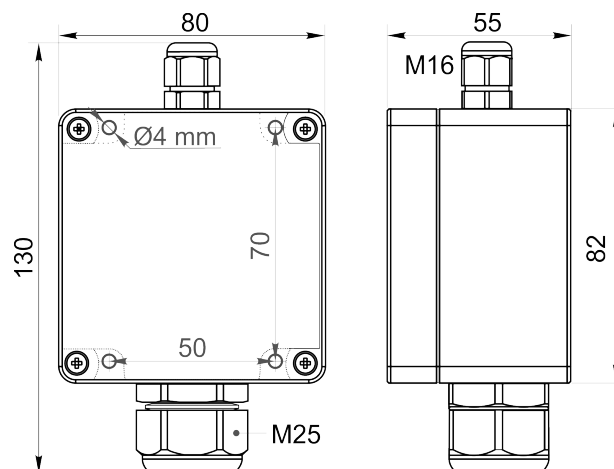
## Features

- 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
- Attached or remote sensor

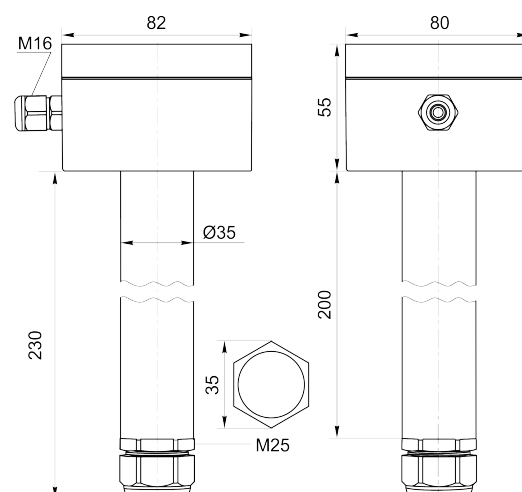
## Specifications

Calibration	Carbon monoxide CO
Sensor type	Electrochemical
Sampling method	Diffusion
Typical detection range	0...300 ppm    0...1000 ppm
Maximum overload	2000 ppm
Resolution	1 ppm
Repeatability	< ± 5 %
Response time T90	< 30 s
Signal update	Every 1 second
Sensor lifetime	> 10 years
Maintenance interval	12 months
Self-diagnostics	Full functionality check at start-up
Warm-up time	≤ 1 min
Power supply	12...36 VDC (default) 24 VAC as option
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: 5-100% of the range; > 10 × resolution in any case
Enclosure	Grey ABS plastic, wall mount, protection class IP65
Dimensions	H82 × W80 × 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 0...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.

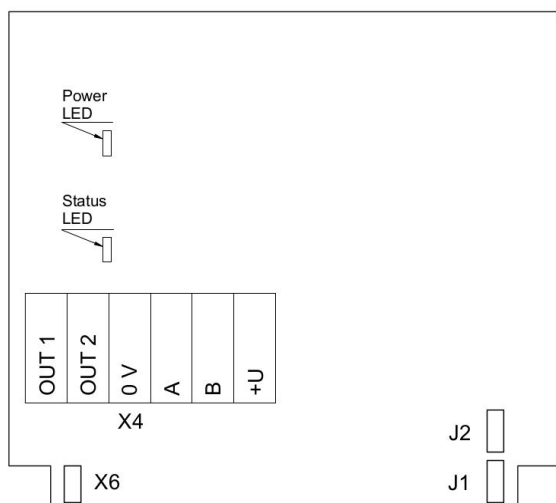
### Wall mount version



### Duct mount version



## Connection diagram



PCB without PSU and relays

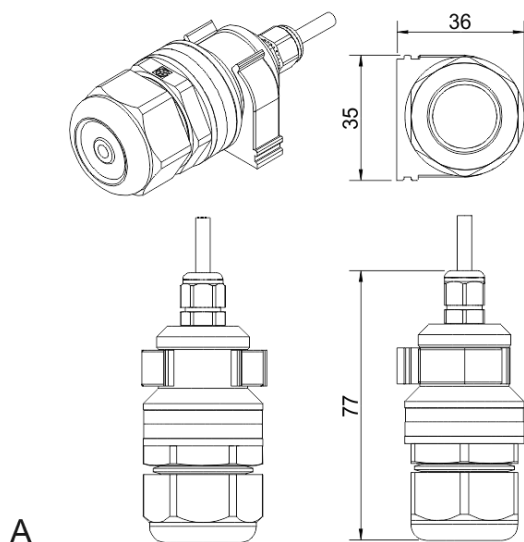
### Jumpers

- 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

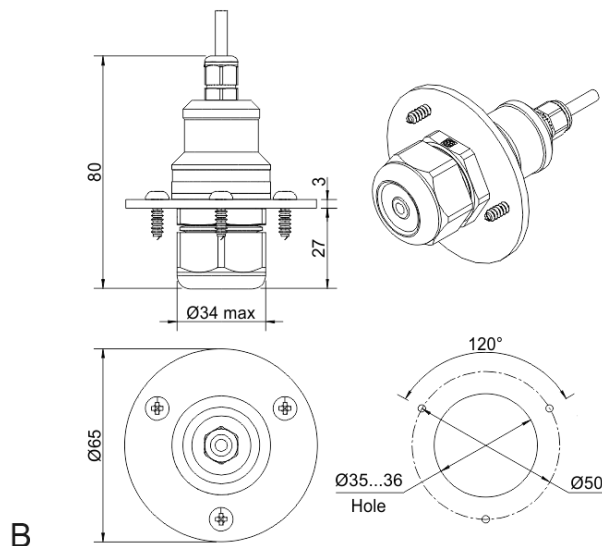
- OUT1** 4-20 mA / 0-10 V output
- OUT2** 4-20 mA / 0-10 V output
- 0V** 0 V / 24 VAC Neutral (optional)
- A** RS485 A / Data +
- B** RS485 B / Data -
- +U** +24 VDC / 24 VAC Phase (optional)

## Remote probe



A

Wall mount remote probe with fixing clamp (default version)



B

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

