

IP65

4-20 mA  
0-10 V


# Nitrogen Dioxide Transmitter E2617-NO2



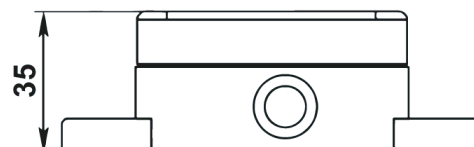
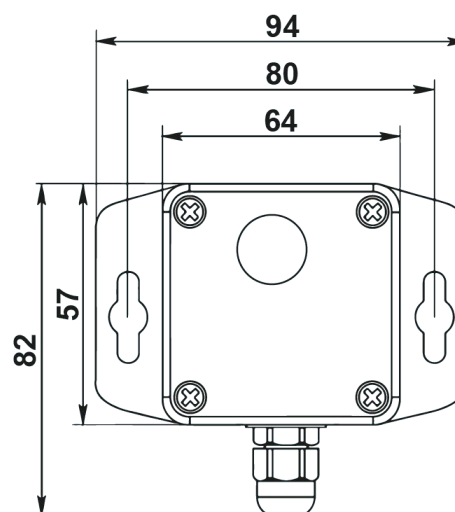
## Features

- High long-term stability
- User selectable output 4-20 mA / 0-10 V
- Fully calibrated and temperature compensated
- Low cost for volume HVAC applications

## Specifications

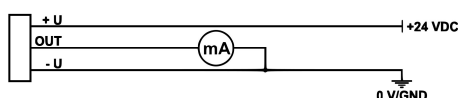
|                      |                                                                          |
|----------------------|--------------------------------------------------------------------------|
| Sensor type          | Electrochemical                                                          |
| Sampling method      | Diffusion                                                                |
| Detection ranges     | 0-10 ppm, 0-20 ppm                                                       |
| Maximum overload     | 100 ppm                                                                  |
| Response time T90    | < 60 s                                                                   |
| Sensor protection    | Microporous PTFE dust filter                                             |
| Warm-up time         | ≤ 1 min                                                                  |
| Analog output        | 4-20 mA / 0-10 V, user selectable                                        |
| Power supply         | 24 VDC ± 20%                                                             |
| Power consumption    | < 1 W                                                                    |
| Sensor lifetime      | > 2 years in fresh air                                                   |
| Sensitivity drift    | < 20% per annum                                                          |
| Enclosure            | Grey ABS plastic, wall mount, protection class IP65                      |
| Dimensions           | H82 × W94 × D35 mm                                                       |
| Operating conditions | -30...+50 °C<br>15...90 %RH non-condensing,<br>pressure 800 to 1200 mbar |
| EMC Emissions        | To EN 61000-6-3, EN 61326-1                                              |
| EMC Immunity         | To EN 61000-6-1, EN 61000-6-2                                            |

## Dimensions

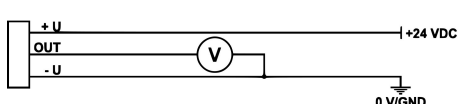


## Connection diagrams

### 3-wire 4-20 mA output



### 3-wire 0-10 V output


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