



# Ethylene Oxide Transmitter E2618-CH4O



## Features

- Accurate and stable measurement
- Industrial housing, attached or remote sensor
- Two analog outputs settable to 4-20 mA or 0-10 V
- RS485 Modbus RTU digital interface

## Specifications

Detected gas	Ethylene Oxide
Sensing method	electrochemical
Sampling method	diffusion
Detection ranges	0...20 ppm C <sub>2</sub> H <sub>4</sub> O 0...100 ppm C <sub>2</sub> H <sub>4</sub> O
Repeatability	<2 % of signal
Response time	<60 seconds
Maintenance interval	6 months
Sensor lifetime	2 years
Self-diagnostics	full functionality check at start-up
Warm-up time	≤ 1 min
Power supply	11...30 VDC
Power consumption	< 2 W
Digital interface	RS485, Modbus RTU protocol
Analog outputs	2 × 4-20 mA / 0-10 V, user settable
Enclosure	light grey ABS plastic, wall mount, protection class IP65
Dimensions	H82 × W80 × D55 mm
Cable options for remote probe	shielded cable 3 m, other lengths upon request
Operating environment	industrial indoor and outdoor locations
Operating conditions	-20...+50 °C, 15...90 %RH

