



Ethylene Transmitter E2618-CH4



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

Calibration	Ethylene C ₂ H ₄
Sensing method	electrochemical
Sampling method	diffusion
Detection ranges	0...10 ppm C ₂ H ₄ (peak 20ppm) 0...200 ppm C ₂ H ₄ (peak 500 ppm) 0...1500 ppm C ₂ H ₄ (peak 2000 ppm)
Resolution	0,1 ppm C ₂ H ₄ 1 ppm C ₂ H ₄ 5 ppm C ₂ H ₄
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	2,5 m, 5 m
Operating environment	industrial indoor and outdoor locations
Operating conditions	-20...+50 °C, 15...90 %RH

