



# Refrigerant Transmitter E2618-HFC



## Features

- Industrial housing, attached or remote sensor
- Long-life metal-oxide gas sensor
- Two analog outputs 4-20 mA and 0-10 V
- RS485 Modbus RTU digital interface

## Specifications

Detected gases	R-12, R-123, R-125, R-134a, R-143, R-22, R-404a, R-407c, R-410a etc
Default calibration	R-404a
Sensing method	long-life metal-oxide gas sensor
Sampling method	diffusion
Detection range	0...1000 ppm halocarbon gas
Resolution / digital unit	1 ppm halocarbon gas
Repeatability	± 10 ppm halocarbon gas
Signal update	every 1 second
Response time	~30 seconds
Maintenance interval	12 months
Sensor lifetime	> 10 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	1 × 4-20 mA 1 × 0-10 V
Output scales	customer specified, from 0-300 ppm to 0-1000 ppm
Enclosure	grey ABS plastic, wall mount, protection class IP65
Dimensions	H82 × W80 × D55 mm
Operating environment	industrial indoor and outdoor locations
Operating conditions	-40...+85 °C, 0...100 %RH

