

IP65

4-20mA
0-10V

RS485
Modbus


Sulfur Dioxide Transmitter

E2618-SO2



Features

- Industrial housing, IP65 protection class
- Wall-mount or duct-mount version
- Attached or remote sensor
- Two analog outputs settable to 4-20 mA or 0-10 V
- RS485 Modbus RTU digital interface

Specifications

Calibration	Sulfur Dioxide SO ₂
Sensing method	electrochemical sensor
Sampling method	diffusion
Detection ranges	0...50 ppm (peak 75 ppm) 0...2000 ppm (peak 10 000)
Resolution	<0.1/1.5 ppm SO ₂
Signal update	every 1 second
Response time	<35 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
Operating environment	industrial indoor and outdoor locations
Operating conditions	-30...+50 °C, 15...90 %RH

