Colourless gas, one of the main components of the air. Oxigen is necessary for breathing of humans and animals, oxygen deficiency is harmful for health. Strong oxidizer, sustains combustion.

Chemical formula	02
	32
Molar weight	-
Relative gas density (to air)	1.1
Conversion	1 ppm =1.31 mg/m ³
Boiling point	-183°C
Odour	Odourless
Hazards	Strong oxidant. May reacts with combustible and reducing materials (oils, solvents etc), causing fire and explosion hazard. Oxygen enriched atmospheres (>22% O ₂) present a significant fire and explosion risk. Oxygen deficiency in air may lead to loss of concentration, reduced coordination, fatigue. At very reduced levels fainting and death may occur. Breathing of oxygen at increased concentrations may lead to hyperoxia (seizures, respiratory problems, disorientation).
Normal atmosphere concentration	20.821%
Deficiency threshold (OSHA)	19.5%
Immediately life-treatening concentration	<10%
Exposure limits	not established

Conversion of ppm to mg/m³ is calculated for 25°C and 1 atm.

Installation guidelines

(See Installation and connections section for general information.)

For air quality control install the detector on in the breathing zone. To control the absence of oxygen (e.g. while working under inert atmosphere) place the sensor in the working area.

Calibration

E2608-O2 detectors have been calibrated by Manufacturer with standard gas mixtures before delivery. Provided that the sensor is used under moderate conditions, no field recalibration is required. Please contact your dealer for more information.

Maintenance

Do not perform any maintenance operation with the power on.

Clean the device with soft damp cloth. Do not use any abrasive cleaning agents. Do not immerse the device into water or any cleaning media.

Delivery set

- -Detector-transmitter E2608 (wall mount or duct mount version)
- Mounting accessories:
- 4 cross-shaped mounting lug with screws and 4 screws with plastic dowels for wall mount version
- rubber flange for duct mount version
- fixing clamp for remote probe versions

Sampling method Typical detection range Resolution / digital unit Response time T90 Sensor lifetime Calibration interval Signal update Load resistance Digital interface Power supply options Power consumption Analog outputs Output scale width Relay otputs Default alarm setpoints Resolution / digital unit O.01 % vol O.0	ons	
Typical detection range Resolution / digital unit Response time T90 Sensor lifetime Calibration interval Signal update Load resistance Digital interface Power supply options Power consumption Analog outputs Output scale width Relay otputs Default alarm setpoints Response time T90 Son		optical (based on fluorescence quenching)
Resolution / digital unit Response time T90 Sensor lifetime Calibration interval Signal update Load resistance Digital interface Power supply options Power consumption Analog outputs Output scale width Relay otputs Default alarm setpoints Resolution / digital unit O.01 % vol 30 s Sons Sensor lifetime >5 years maintenance free under moderate operating condit without extreme fluctuations Revery 1 second RL < (Us - 2 V) / 22 mA for 4-20 mA RL > 250 kOhm for 0-10 V mode RS485, Modbus RTU protocol no galvanic isolation 1130 VDC, 24 VAC or 90265 VAC (with mains power unit) < 2 VA Analog outputs OUT1 2 gas; OUT2 2 gas > 10 × resolution Recommended: 20-100% of the detection range Relay otputs 2 × SPST, max 5 A, 30 VDC / 250 VAC RE1 (HIGH): set 19.5%, release 20.5% RE2 (LOW):set 18%, release 19% Cable connections grey ABS, wall mount, protection class IP65	nethod	********
Response time T90		025% vol
Sensor lifetime Calibration interval maintenance free under moderate operating condit without extreme fluctuations Signal update Load resistance R _L < (Us - 2 V) / 22 mA for 4-20 mA R _L > 250 kOhm for 0-10 V mode Digital interface RS485, Modbus RTU protocol no galvanic isolation Power supply options Power supply options Power consumption Analog outputs Outputs assignment Outputs scale width Recommended: 20-100% of the detection range Relay otputs Pefault alarm setpoints RE1 (HIGH): set 19.5%, release 20.5% RE2 (LOW):set 18%, release 19% Cable connections grey ABS, wall mount, protection class IP65	/ digital unit	0.01 % vol
Calibration interval maintenance free under moderate operating condit without extreme fluctuations Signal update every 1 second Load resistance R _L < (Us - 2 V) / 22 mA for 4-20 mA R _L > 250 kOhm for 0-10 V mode Digital interface RS485, Modbus RTU protocol no galvanic isolation Power supply options 1130 VDC, 24 VAC or 90265 VAC (with mains power unit) Power consumption < 2 VA Analog outputs 2 × 4-20 mA / 0-10 V, user settable Outputs assignment OUT1 2 gas; OUT2 2 gas Output scale width Recommended: 20-100% of the detection range Relay otputs 2 × SPST, max 5 A, 30 VDC / 250 VAC Default alarm setpoints RE1 (HIGH): set 19.5%, release 20.5% RE2 (LOW):set 18%, release 19% Cable connections grey ABS, wall mount, protection class IP65	time T90	< 30 s
Calibration interval without extreme fluctuations Signal update every 1 second Load resistance R _L < (Us - 2 V) / 22 mA for 4-20 mA R _L > 250 kOhm for 0-10 V mode Digital interface RS485, Modbus RTU protocol no galvanic isolation Power supply options 1130 VDC, 24 VAC or 90265 VAC (with mains power unit) Power consumption < 2 VA	time	>5 years
$ \begin{array}{c} R_{L} < (\text{Us} - 2 \text{ V}) / 22 \text{ mA for } 4\text{-}20 \text{ mA} \\ R_{L} > 250 \text{ kOhm for } 0\text{-}10 \text{ V} \text{ mode} \\ \hline \text{RS485, Modbus RTU protocol} \\ \text{no galvanic isolation} \\ \hline \text{Power supply options} \\ \hline \text{Power consumption} \\ \hline \text{Analog outputs} \\ \hline \text{Output sassignment} \\ \hline \text{Output scale width} \\ \hline \text{Relay otputs} \\ \hline \text{Default alarm setpoints} \\ \hline \text{Cable connections} \\ \hline \text{Cable connections} \\ \hline \text{Result interface} \\ \hline \text{Res485, Modbus RTU protocol} \\ \text{no galvanic isolation} \\ \text{1130 VDC, 24 VAC} \\ \text{or } 90265 \text{ VAC (with mains power unit)} \\ \text{2 VA} \\ \text{Analog outputs} \\ \text{2 VA} \\ \text{Output scale width} \\ \hline \text{OUT1 2 gas; OUT2 2 gas} \\ \text{OUT2 2 gas} \\ \text{No VDC 250 VAC} \\ \hline \text{RE1 (HIGH): set } 19.5\%, \text{ release } 20.5\%, \\ \text{RE2 (LOW):set } 18\%, \text{ release } 19\%, \\ \hline \text{Cable connections} \\ \text{Screwless spring loaded terminals} \\ \hline \text{Enclosure} \\ \hline \end{array}$	interval	aintenance free under moderate operating conditions without extreme fluctuations
R _L > 250 kOhm for 0-10 V mode RS485, Modbus RTU protocol no galvanic isolation Power supply options Power consumption Analog outputs Outputs assignment Output scale width Recommended: 20-100% of the detection range Relay otputs Pefault alarm setpoints RE1 (HIGH): set 19.5%, release 20.5% RE2 (LOW):set 18%, release 19% Cable connections Resomended: Re5 kOhm for 0-10 V mode 1130 VDC, 24 VAC or 90265 VAC (with mains power unit) 2 × 4-20 mA / 0-10 V, user settable OUT1 2 gas; OUT2 2 gas > 10 × resolution Recommended: 20-100% of the detection range 2 × SPST, max 5 A, 30 VDC / 250 VAC RE1 (HIGH): set 19.5%, release 20.5% RE2 (LOW):set 18%, release 19% Cable connections grey ABS, wall mount, protection class IP65	ate	every 1 second
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Analog outputs 2 × 4-20 mA / 0-10 V, user settable Outputs assignment OUT1 2 gas; OUT2 2 gas Output scale width Recommended: 20-100% of the detection range Relay otputs 2 × SPST, max 5 A, 30 VDC / 250 VAC Default alarm setpoints RE1 (HIGH): set 19.5%, release 20.5% RE2 (LOW):set 18%, release 19% Cable connections screwless spring loaded terminals Enclosure grey ABS, wall mount, protection class IP65	ply options	
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Recommended: 20-100% of the detection range Relay otputs 2 × SPST, max 5 A, 30 VDC / 250 VAC Default alarm setpoints RE1 (HIGH): set 19.5%, release 20.5% RE2 (LOW):set 18%, release 19% Cable connections screwless spring loaded terminals Enclosure grey ABS, wall mount, protection class IP65	signment	OUT1 2 gas; OUT2 2 gas
Default alarm setpoints RE1 (HIGH): set 19.5%, release 20.5% RE2 (LOW):set 18%, release 19% Cable connections screwless spring loaded terminals Enclosure grey ABS, wall mount, protection class IP65	le width	> 10 × resolution Recommended: 20-100% of the detection range
Cable connections RE2 (LOW):set 18%, release 19% Cable connections screwless spring loaded terminals Enclosure grey ABS, wall mount, protection class IP65	ts	2 × SPST, max 5 A, 30 VDC / 250 VAC
Enclosure grey ABS, wall mount, protection class IP65	rm setpoints	
	nections	screwless spring loaded terminals
Dimensions H85 x W82 x D55 mm		grey ABS, wall mount, protection class IP65
Difficisions 1100 ** W02 ** D00 film	s	H85 × W82 × D55 mm
CE marking according to 2014/30/EU and EN61326-1 requirem	g ac	cording to 2014/30/EU and EN61326-1 requirements
	conditions	3060 °C, 1590 %RH, atmospheric pressure ±10% non ATEXrated areas, non-aggressive atmosphere

Warranty

Specifications

This product is warranted to be free from defects in material and workmanship for a period of one year from the date of original sale. During this warranty period Manufacturer will, at its option, either repair or replace product that proves to be defective. This warranty is void if the product has been operated in conditions outside ranges specified by Manufacturer or damaged by customer error or negligence or if there has been an unauthorised modification.



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PluraSens®

Fluorescence-Based **Oxygen Detector-Transmitter** F2608-O2-L

User Manual

E2608-series detectors-transmitters belong to the PluraSens® family of multifunctional measurement instruments. The instruments utilise gas sensors of various types with excellent repeatability, stability and long lifetime

The devices are supplied either in duct-mount or wall-mount version. The wall mount version of the device is available with remote probe. The remote probe is connected to the main unit with shielded cable. Default connection cable length is 3 m.

E2608 series provides two independent analog outputs OUT1 and OUT2, user-selectable to 4-20 mA or 0-10 V, proportional either to gas concentration or temperature. RS485 Modbus RTU digital communication interface allows easy instrument configuration and integration into various automation systems.

Two relays RE1 and RE2 with closing contacts can be used to switch 24 V or 230 V powered alarm sirens, ventilation fans, shut-off valves or other actuators.

The version of your detector is marked on the package.

Safety requirements

Always adhere to the safety provisions applicable in the country of use.

Do not perform any maintenance operation with the power on. Do not let water or foreign objects inside the device.

Operating conditions

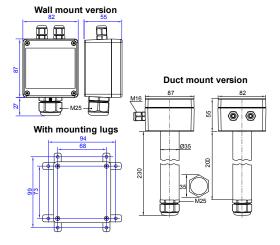
The device should be used in explosion-safe (non ATEX -rated) indoor areas, without aggressive gases in the atmosphere. See **Specification** table for more details.

Installation and connections

There are no precise rules or standards to follow when installing the gas detectors. The following points must be taken into account:

- application (air quality control or leakage detection).
- properties of the space under investigation (room geometry, direction and velocity of air flows etc).
- detected gas (relative density to air, whether the gas is flammable, or toxic, or oxygen displacing).
- safety: strong vibrations, mechanical shock, and the sources of strong electromagnetic interference should be avoided.
- the device should be accessible for maintenance and repair.

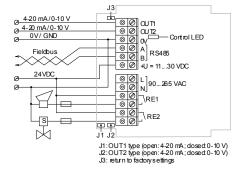
For early leakage detection install the sensor as close as possible to the potential leakage sources (flanges, valves, pressure reducers, pumps, etc), taking into consideration other points listed above. For general area monitoring without definite leakage sources, the detectors should be distributed evenly in the room. For personal safety control the detectors are installed in the breathing zone (at the height of the head of people or animals). Recommended sensor position is vertical, pointing downwards. See **Installation guidelines** section for more information.



1. Wall mount version: Attach the detector to a wall by screws, using cross-shaped mounting luos supplied with the instrument (see dimensional drawing above).

<u>Duct mount version:</u> Cut hole with a diameter of 36...45 mm in the air duct at the chosen mounting place. Place the rubber flange aligning the holes in the flange and the air-duct and fix the flange with four self-tapping screws. Pass the sensor probe through the flange and adjust it to the appropriate depth.

2. Unscrew four lid screws and detach the lid from the detector. Attach the power cable to the device without turning it on. Using the connection diagrams below, connect the analog outputs, digital interface terminals and/or relays to the relevant devices according to your tasks.



The screwless quick connect spring terminals on the E2608 series devices are suitable for a wide range of wires with cross-section 0,2...1,5 mm². We recommend to strip the wire end by 8...9 mm and tin it, or to use the wire end sleeves.

To connect the wire, insert the wire end into terminal hole. To disconnect, push the spring loaded terminal lever, pull the wire out, and release the lever

Use twisted pair cable, e.g. LiYY TP 2×2×0,5 mm² or CAT 5, to connect the device to RS485 network. Use one pair for A and B wires and the second pair for common 0 V and power +U wires to connect the transmitter to Fieldbus network. Respect polarity. Overall length of all connections via RS485 interface should not exceed 1200 m.

Note The outputs are not galvanically isolated from 24 V power supply and share common 0V. Allowed load resistance limits are stated in Specifications table. To power the instrument from an external 24 VDC source, connect terminals 0V and +U to the source. If the integrated mains power supply module is used, connect terminals L and N to the mains.

Note Actuator short-circuits should be avoided, to protect the instrument relays use external fuses or safety switches.

The type of each analog output can be independently selected with the appropriate jumper (**J1** for OUT1 and **J2** for OUT2). With jumper open, the output type is 4-20 mA. With jumper closed, the output type is 0-10 V.

By default both outputs OUT1 and OUT2 are assigned to gas concentration. The device has a built-in temperature sensor which may be tied to any of the outputs.

The output assignments and scales can be changed by Modbus commands.

3. Turn on the power. The sensor heating up may take up to five minutes after switching on. A LED placed on the PCB of the device allows to control the connection process. The LED response to different processes is presented in the table below.

Process	LED mode
Sensor heating period	Blinking 0.5 Hz (50% on, 50% off)
Sensor absence or malfunction	Blinking 0.5 Hz (90% off, 10% on)
Relay1 turned on	Blinking 1 Hz (50% on, 50% off)
Relay2 turned on	Blinking 2 Hz (50% on, 50% off)
Modbus response	The signal is modulated with short on-off pulses, even single Modbus cycle is traceable
Normal measurement	Continuous light

4. Make sure that the detector is properly mounted, the external devices connected, power on and control LED is constantly lit. Make certain that the cable glands are properly tightened to ensure the conformity to IP65 protection class. Place the lid back and fix it with the screws. The device is ready to use.

It is recommended to keep the device powered constantly, except for periods of maintenance and calibration, deplacement etc.

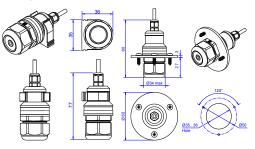
Sensor probe handling

The wall mount version of the transmitter is available with remote probe (see drawing below for dimensions). The remote probe is connected to the main unit with shielded cable. Default connection cable length is 3 m.

The sensor probes of all types are equipped with a hydrophobic microporous PTFE filter to protect the sensor from dust, dirt and water drops. The filter may be replaced if it gets strongly contaminated. To replace the PTFE filter, unscrew the M25 nut and remove the old filter. Place a new filter into the nut and tighten it again.

NB! Never stab or press the filter near its centre where the sensor is located since this may damage the sensor.

The recommended orientation of sensor probe is vertical with the sensor tip pointing downwards. This prevents possible accumulation of condensed water on the sensor protection filter. The horizontal orientation is also suitable. Avoid upward position of the sensor tip.



Configuring

Gas detectors E2608 share all functionalities of the PluraSens® multifunctional transmitter platform. The features and options include:

- digital output change rate limiting filter
- digital integrating (averaging) filter
- temperature measurement channel with internal sensor
- free assignment of each analog output to chosen parameter
- flexible setting of analog output scales for each output
- output shift and slope adjustment for calibration
- free assignment of each of two relays to chosen parameter
- several relay control logic modes (HI or LO with hysteresis, U or Π)
- switch delays and minimum on/off state durations for each relay
- Modbus controlled forced state option for analog outputs and relays.

pack. Please contact your Seller or the Manufacturer for more information.

E2608 can be configured through its RS485 interface by Modbus RTU commands. A standard configuration kit includes Model E1087 USB-EIA485 converter and a software

Return to default settings

To reset the device's Slave ID, baudrate and sbit number to factory settings, proceed as follows:

1. De-energize the device 2. Connect the J3 jumper 3. Turn on the device 4. De-energize the device 5. Disconnect the J3 jumper 6. Turn on the device

RS485 communication interface

See Annex 1

E2608_UM_EN. Annex 1. E2608 series Modbus RTU Communication Reference

RS485 communication interface

Databits: 8
Parity: none
Stop bits: 1 or 2
Protocol: Modbus RTU

Supported Modbus functions:
03 - read multiple registers
06 - write single register

Communication parameters

Parameter	Permitted values	Default
Supported baudrates	1200, 2400, 4800, 9600, 19200, 38400, 57600	9600
Data bits	8	8
Parity	none	none
Stop bits	1, 2	1
Protocol	Modbus RTU	
Modbus functions	03 - read multiple registers 06 - write single register	
Error codes	01 - illegal function 02 - illegal data address 03 - illegal data value 04 - slave device failure (details of last can be read from register 0x0008)	error 04

E2608 series Modbus holding registers

Register addresses are shown 0-based, Addr in hexadecimal, Reg in decimal format.

Modbus holding register numbers MHR are shown in decimal 1-based format, and may be addressed either from 00001 or 40001 base.

Addr	Reg / MHR	RW	Description	Supported values (dec)	Default
0x0001	1 / 40002	R	Hardware version		-
0x0002	2 / 40003	R	Software version		-
0x0003	3 / 40004	R	Product serial number	165535	-
0x0004	4 / 40005	RW	Slave ID (net address) *	1247 **	1
0x0005	5 / 40006	RW	Baudrate *	1200, 2400, 4800, 9600, 19200, 38400, 57600	9600
0x0006	6 / 40007	RW	Response delay, ms	1255	10
0x0007	7 / 40008	RW	Stop bits *	1: no parity bit, 1 stop bit (default after factory reset) 2: no parity bit, 2 stop bits 3: odd parity, 1 stop bit 4: even parity, 1 stop bit NOTE: 3 and 4 are available starting from the Sofrware version 0x218 (dec. 536)	1
0x0008	8 /40009	R	Last error code	1255	-
0x0011	17 / 40018	RW	Restarts counter	write '42330' to restart device (no response will follow)	-
0x0097	151 /40152	R	Sensor type code	065535	0

^{* -} The new value is applied after restart.



^{** -} Broadcast slave ID 0 can be used to assign a new ID to device with unknown ID. When addressing by ID 0 the device shall be the only Modbus instrument in the network. The device will not respond to Master command when addressed by ID 0.

^{*** -} This value is dynamic and not kept in EEPROM after restart

E2608 series Modbus holding registers (part 2)

Register addresses are shown 0-based, Addr in hexadecimal, Reg in decimal format.

Modbus holding register numbers MHR are shown in decimal 1-based format, and may be addressed either from 00001 or 40001 base.

Addr	Reg / MHR	RW	Description	Supported values (dec)	Default
	162		Zero adjustment for temperature		
0x00A2	/ 40163 165	RW	data, °C × 100	-32000+32000 (-320,00+320,00 °C)	0
0x00A5	/ 40166	RW	Zero adjustment for gas data, ADC	-32000+32000 ADC units	0
00040	166	DW	Clara adjustment for one data	4 05505	510
0x00A6	/ 40167	RW	Slope adjustment for gas data	165535	512
0x00A7	167 / 40168	RW	Change rate limit for gas data, gas unit / s	132000, 0 - no limit	0
0x00A8	168 / 40169	RW	Integrating filter time constant, s	132000 (seconds), 0 - no filter	0
0x00C9	201 / 40202	RW	Parameter tied to analog output 1	0-none 1- temperature 2- gas concentration 9- forced Modbus control, value set in MHR / 40204	2
0x00CA	202 / 40203	RW	Parameter tied to analog output 2	0-none 1- temperature 2- gas concentration 9- forced Modbus control, value set in MHR / 40205	2
0x00CB	203 / 40204	RW	Forced value for analog output 1***	01000 (0,0%100,0% of output scale)	0
0x00CC	204 / 40205	RW	Forced value for analog output 2***	01000 (0,0%100,0% of output scale)	0
0x00D3	211 / 40212	RW	Parameter tied to relay RE1	0-none 1- temperature 2- gas concentration 9- control by Modbus control, state set in MHR / 40214	2
0x00D4	212 / 40213	RW	Parameter tied to relay RE2	0-none 1- temperature 2- gas concentration 9- control by Modbus control, state set in MHR / 40215	2
0x00D5	213 / 40214	RW	Forced state for relay RE1***	0- off, 1 - on	0
0x00D6	214/ 40215	RW	Forced state for relay RE2***	0- off, 1 - on	0
0x00D7	215 / 40216	RW	Switching delay for relay RE1	01000 (s)	0
0x00D8	216 / 40217	RW	Switching delay for relay RE2	01000 (s)	0
0x00D9	217 / 40218	RW	Minimal on/off time for relay RE1	01000 (s)	0
0x00DA	218 / 40219	RW	Minimal on/off time for relay RE2	01000 (s)	0

^{* -} The new value is applied after restart.



^{** -} Broadcast slave ID 0 can be used to assign a new ID to device with unknown ID. When addressing by ID 0 the device shall be the only Modbus instrument in the network. The device will not respond to Master command when addressed by ID 0.

*** - This value is dynamic and not kept in EEPROM after restart

E2608 series Modbus holding registers (part 3)

Register addresses are shown 0-based, Addr in hexadecimal, Reg in decimal format.

Modbus holding register numbers MHR are shown in decimal 1-based format, and may be addressed either from 00001 or 40001 base.

Addr	Reg / MHR	RW	Description	Supported values (dec)	Default
0x00DB	219 / 40220	RW	Control logic for relay RE1	0- none 1- relay on at high values 2- relay on at low values 3- relay on at values within the range 4- relay on for the values outside the range	0
0x00DC	220 / 40221	RW	Control logic for relay RE2	0- none 1- relay on at high values 2- relay on at low values 3- relay on at values within the range 4- relay on for the values outside the range	0
0x00DD_	221 / 40222	RW	LOW setpoint for relay RE1	065535 (gas units)	see <u>Specificati</u> ons
0x00DE	222 / 40223	RW	HIGH setpoint for relay RE1	065535 (gas units)	see Specifications
0x00DF	223 / 40224	RW	LOW setpoint for relay RE2	065535 (gas units)	see Specifications
0x00E0	224 / 40225	RW	HIGH setpoint for relay RE2	065535 (gas units)	see Specifications
0x00FF	255 / 40256	RW	Sensor, analog outputs, LED and buzzer status	bit[0]=0/1 - sensor present/absent, read-only! bit[1]=0/1 - analog outputs deactivated/activated, bit[2]= 0/1 - in case the sensor is absent, turn signaling off/on analog output1, bit[3]=0/1 - in case the sensor is absent, turn on signaling with low current/high current on analog output1; if bit[2]==0 this bit will be ignored, bit[4]=0/1 - in case of sensor absent, turn signaling off/on analog output2 bit[5]=0/1 - in case of sensor absent, turn on signaling with low current/high current on analog output2; if bit[4]==0 this bit will be ignored, bit[6]=0/1 - current/voltage output detected on output1, read-only! bit[7]=0/1 - current/voltage output detected on output2, read-only! bit[8]=0/1 - LED deactivated/activated, bit[9]=0/1 - LED is on/off in normal condition bit[11]=0/1 - LED and buzzer syncing off/on with RE1 bit[12]=0/1 - LED and buzzer syncing off/on with RE2	user defined
0x0100	256 / 40257	R	Raw temperature data, °C×100	signed integer, -4000+8500 (-40,00+85,00 °C)	
0x0101	257 / 40258	R	Raw gas sensor data	ADC data 04095	
0x0102	258 / 40259	R	Measured temperature, °C×100	signed integer, -4000+12500 (-40,00+125,00 °C)	
0x0103	259 / 40260	R	Gas concentration, gas units	signed integer, -32000+32000 (gas units)	
0x0105	261 / 40262	RW	0% value for analog output 1	signed integer, -32000+32000 (ppm / ‰)	0
0x0106	262 / 40263	RW	100% value for analog output 1	signed integer, -32000+32000 (ppm / ‰)	1000
0x0107	263 / 40264	RW	0% value for analog output 2	signed integer, -32000+32000 (ppm / ‰)	0
0x0108	264 / 40265	RW	100% value for analog output 2	signed integer, -32000+32000 (ppm / ‰)	1000

^{* -} The new value is applied after restart.



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*** - This value is dynamic and not kept in EEPROM after restart