

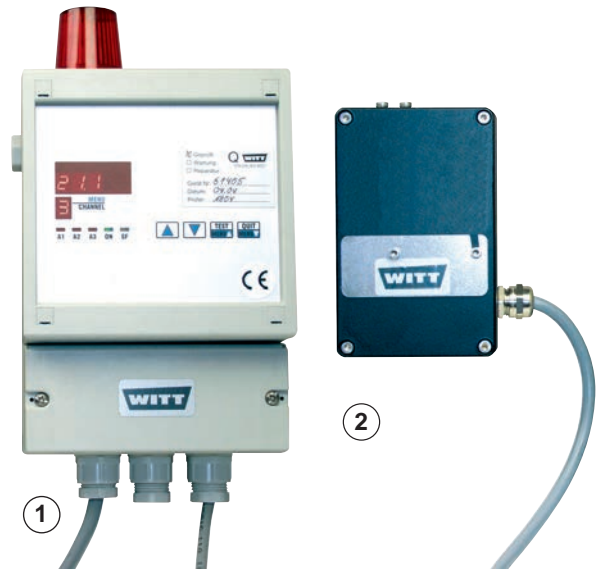
Ambient Air Monitoring System RLA 1 for the detection of oxygen (O₂) depletion, carbon dioxide (CO₂), hydrogen (H₂) or methane (CH₄).

Benefits

- 3 alarm limits adjustable within the measuring range
- digital displays for continuous visual monitoring of the gas concentration
- connections for alarm easy accessible on forefront
- easy wall mounting

Components

1. Control and Display Unit
2. Transmitter
3. Transmitter cable for connecting of Transmitter and Control Unit



Type ①	Control and Display Unit
Gases	oxygen (O ₂), carbon dioxide (CO ₂), hydrogen (H ₂) or methane (CH ₄)
Input signal	0.2 to 1 mA and 4 to 20 mA
Output signal	4 to 20 mA
Alarm contacts	<ul style="list-style-type: none"> - 4 volt-free relay contacts for activation of external devices at alarm limits 1, 2, 3 and system fault - Rated: 230 V / 4 A (Please indicate with order whether the relay contacts shall be normally open (NO) or normally closed (NC))
Function keys	acknowledgement of alarm, built-in test and check of measurement range and calibration; relay function test
Display	<ul style="list-style-type: none"> - digital, 3 digits, for display of gas concentration and parameters - LEDs indicating of operating status, system fault and alarms 1, 2 and 3
Safety	continuous self check of processor function, excessive / low voltage, cable fault, transmitter function
Housing	plastics, IP 54, splash proof
Dimensions (HxWxD)	185 x 130 x 95 mm (7.28 x 5.12 x 3.74 inch) (without connections)
Voltage	230 V AC or 24 V DC

Options

- control and display unit with built-in alarm (audible alarm and emergency signal lamp)
- flow-through adapter for sensor check and calibration
- other gases on request

Type ②	Transmitter
Measured gas	oxygen (O ₂) 0 – 25% (Vol.), electrochemical sensor; carbon dioxide (CO ₂) 0 - 5% (Vol.), Infrared-sensor; hydrogen (H ₂) 0 – 100% (LEL), catalytic combustion; methane (CH ₄) 0 – 100% (LEL), catalytic combustion
Sample gas supply	diffusion
Special features	<ul style="list-style-type: none"> - service access to test switch - test connectors for measurement of measuring signal - potentiometers for zero and span adjustment
Housing	aluminium, IP 64, splash proof
Dimensions (HxWxD)	125 x 80 x 60 mm (4.92 x 3.15 x 2.36 inch) (without connections)
Voltage	230 V AC or 24 V DC

Approvals	Company certified according to ISO 9001 CE-marked according to: - EMC 2004/108/EC - Low Voltage Directive 2006/95/EC
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