

Technical specifications:

Micro 5



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| Measuring principle: | Electrochemical (EC) for toxic gases, hydrogen and oxygen | |
| Sample gas feed: | via diffusion opening | |
| Display: | 2 x 4 digit LC display Indicates battery capacity and gas concentrations with unit | |
| Controls: | 2 operating buttons | |
| Alerting: | 2 very bright alarm LEDs, audible alarm and vibration alarm Depending on the gas type, 3 or 2 instantaneous alarms, battery alarm with visual and audible signaling and indication in the display Horn: 103 dB(A) (can be reduced to 90 dB(A)) | |
| Zero point and sensitivity adjustment: | manual or automatic with adjustment program if necessary test gas supply via the „SMART CAP“ with 0.5 to 0.6 slpm | |
| Power supply: | replaceable alkaline battery (1x AA) Replace only with battery listed in the operation manual! | |
| Battery life: | sensor dependent, per battery average: 9 months at 10 h per working day or 90 days 24/7 | |
| Climatic conditions: | for operation: | -20 to +50 °C 5 to 95 % r. h. 70 to 130 kPa |
| | for storage: | -25 to +55 °C 5 to 95 % r. h. 70 to 130 kPa (recommended 0 to +30 °C) |
| Housing: | Material: | rubberized polycarbonate / plastic |
| | Dimensions: | 49 x 84 x 32 mm (W x H x D) |
| | Weight: | 115 g to 135 g (with sensors, battery and clip) |
| | Protection class: | IP54 |
| Approvals / Certifications: | Markings and type of protection: | |
| | G222E | |
| | Ⓢ I M1 Ex ia I Ma | -20 °C ≤ Ta ≤ +55 °C |
| | Ⓢ II 1G Ex ia IIC T3 Ga | -20 °C ≤ Ta ≤ +55 °C |
| | Ⓢ II 1G Ex ia IIC T4 Ga | -20 °C ≤ Ta ≤ +45 °C |
| | EU type examination certificate: | BVS 18 ATEX E 027 X |
| | IECEX Certificate of Conformity: | IECEX BVS 18.0020 X |
| | Electromagnetic compatibility: | DIN EN 50270:2015 Interference emission: Type class I Interference immunity: Type class II |