

Technical specifications:

Micro IV



Measuring principle	Electrochemical (EC): for toxic gases and oxygen	
Measuring ranges	sensor dependent	
Response time	sensor dependent	
Expected average life of the sensor	sensor dependent	
Measuring gas supply	diffusion	
Display	illuminated LC display	
Alerting	visual and audible warning 3 instantaneous concentration alarms and 2 exposition alarms	
Zero point and sensitivity adjustment	with calibration adapter at a flow rate of 0.5...0.6 l/min	
Power supply	1x Mignon 1,5V	Type: DURACELL PROCELL MN1500 LR6 AA or INDUSTRIAL BY DURACELL ID1500 AA (LR6)
Operating time	6 months, shorter depending on alarm frequency	
Climatic conditions	for operation:	-20...+55(45)°C 5...95%r.h. 80...120kPa
	for storage:	-25...+55°C 10...95%r.h. 70...130kPa (recommended 0...+30°C)
Housing	Material:	Polycarbonate, metalised
	Dimensions:	47 x 88 x 25 mm (W x H x D)
	Weight min.:	61 g - Model without display, without keypad, with CO sensor
	Weight max.:	85,6 g - Model with display, with keypad, with O ₂ sensor
	Protection class:	IP54
Approvals / Tests	Markings and ignition protection types: Ⓢ II 2G Ex ib IIC T4 bzw. T3 Gb -20°C ≤ Ta ≤ +45°C bzw. +55°C only when used with DURACELL PROCELL MN1500 LR6 AA or INDUSTRIAL BY DURACELL ID1500 AA (LR6) When using the pump the detector unit is subject to the temperature classification for the MICRO IV.	
	EU Type Examination Certificate:	DMT 99 ATEX E 044
	Electromagnetic compability:	DIN EN 50270:2006 Interference emission: Type class I Interference immunity: Type class II
	Production supervision:	CE 0158 (by notified body – DEKRA EXAM)