



MCS GasController

- microprocessor controlled measurement and warning unit for monitoring the air for inflammable gases and toxic gas concentrations
- internal sensor for CO- or O₂-monitoring
- 1 metering signal input 4-20 mA for connection to an external gas sensor
- 5 free programmable alarm switching points per metering point
- 5 alert phases
- collective and zone alarm output
- 2 potential free switch outputs, statically or clocked free programmable
- LED display of operating and fault indicators and alarm messages
- internal piezo-buzzer, voice output possible
- internal monitoring, software watchdog
- line monitoring, cold start alarm check
- ethernet interface RJ 45 for network connection
- connection for external 24V/DC supply
- elegant, flat plastic wall housing

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Technical specifications (subject to change without notice)

Case	wall housing		
Case material	polystyrene		
Dimensions	H x W x D	200 x 220 x 40 mm	
Protection class	IP 54		
Temperature range	-20 °C to +50 °C		
Relative humidity	15-90 %		
Sensor connection	1 external analogue input 4-20-mA		
Internal sensor	inflammable gas		
Switching thresholds	alarm 1 alarm 2 alarm 3 alarm 4 alarm 5	self-extinguishing/saving self-extinguishing/saving self-extinguishing/saving self-extinguishing/saving self-extinguishing/saving	free programmable free programmable free programmable free programmable free programmable
Switching outputs	2 1	potential-free changeover 250 V/2,5 A free programmable digital	
Operating elements	1 button 1 button 2 buttons	alarm reset test system control	
Indicators	LED-display	green green yellow yellow red red red red red	power lan error service test alarm 1 alarm 2 alarm 3 alarm 4 alarm 5
Acoustic alarm	piezo signal generator 90 dbA		
Data interface	ethernet interface RJ 45 for network connection		
Connected loads	230 V/50 Hz/60 W	110 V	24 V/DC/60 W