## μ-Gard®

μ-Gard MA



4 – 20 mA 2 - 10 V ADC.

4 – 20 mA 2 - 10 V

MA-X\_Transmitter

1 24 VDC

2 4..20 mA/2-10V DC 3 0 VDC

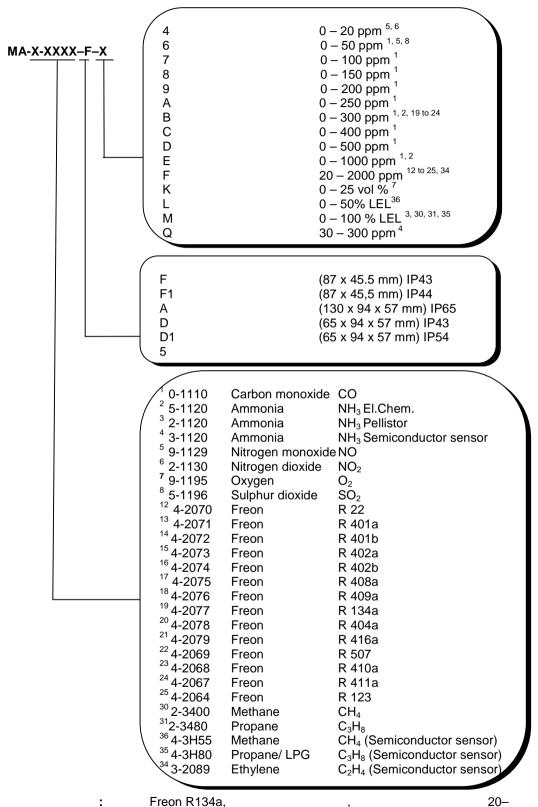


## **GAS ALARM SYSTEMS**

		MA-0	MA-9	MA-9	MA-2	MA-5	MA-2	MA-2	MA-2	MA-3	MA-4	MA-4	MA-3	
		CO	$O_2$	NO	NO <sub>2</sub>	SO <sub>2</sub>	NH <sub>3</sub>	Ex	NH <sub>3</sub>	NH <sub>3</sub>	Freon	Ex	ETO	
					,									
								(Pellis	tor)					
t <sub>90</sub> (s)		≤ 50	≤ 15	≤ 45	≤ 25	≤ 15	≤ 120	≤ 10 (Metha	ne)	≤ 100	≤ 50	≤ 30 Meth.	≤ 50	
&		±3 ppm	± 0,1 vol. %	± 0,2 ppm	± 0,2 ppm	0,2 ppm	<± 20 ppm	± 1% of reading						
	(% of reading)	± 3 %			±2%	± 2 %								
reading/		< 5%		< 0,3 ppm	< 0,2 ppm	< 0,2 ppm		± < 6% (Metha						
	,		< 4% /12	< 5% /12	< 2% /1	< 2% /1	< 2% /1	± < 1,5 Methar	%					
(% reading/	)	5	2	2	2	2	2	3		5				
Max.			6							12				
non-condensing		15 – 90 % RH						15 – 9	0 % RH	15 – 95 % RH				
	-10 to + 50°C -30 to + 50 °C						-15 to -	+ 50°C	-15 to + 50 °C					
		5 C to + 40 °C						50 °C	0 to + 50 °C					
	±10%													
	18 - 28 VDC ( )													
	: 22 mA, max. 0,6 VA Pellistor/ : 35 mA, max. 0.85 VA													
	GW Plast 75 GWT													
	UL 94: V0													
	RAL 70 (d x H)	3∠ ( 87 x 45,5	- mm	)										
		Approx. 0.2 kg IP 43												
3 pieces														
		May la	. 0.25 mm <sup>2</sup> (24 AWG) max. 2.5 mm <sup>2</sup> (14 AWG)											
Max. loop resist. 500 $\Omega$ (= wire resistor + controller input resistor)														
: 4	Proportional, $4-20$ mA, load $\leq 500~\Omega$ overload and short-circuit proofed Proportional, $2-10~V$ , load $50~k\Omega$ overload and short-circuit proofed													
	: 2-10 V	EMC- Directive 2004/108/EEC, CE												
		12			(	)								



## **GAS ALARM SYSTEMS**



2000ppm, : MA-4-2077-F-F

