



# GAS ALARM SYSTEMS

	(Ammonia (NH <sub>3</sub> ))	
:	0 - 300 ppm / 0 - 1000 ppm	
	± 15 %	
	15 – 90 % RH non condensing	
	5 °C to 20 °C (41 °F to 68 °F)	
	Max. 3	
	<b>ADT-53-1120</b>	
	4 ppm	
	< 3 % of reading	
	0 ppm ± 16 ppm	
	< 5%	6
	t <sub>90</sub> < 35 sec.	
	-10 °C to + 40 °C (14 °F to 104 °F)	
	> 2	
	*	
Carbon monoxide; CO	300 ppm	0 ppm
Hydrogen H <sub>2</sub>	200 ppm	0 ppm
Sulphur dioxide SO <sub>2</sub>	20 ppm	- 7 ppm
Hydrogen sulphide H <sub>2</sub> S	20 ppm	7 ppm
Nitrate monoxide NO	20 ppm	- 1 ppm
Nitrogen dioxide NO <sub>2</sub>	20 ppm	- 20 ppm
Chlorine Cl <sub>2</sub>	20 ppm	- 55 ppm
Carbon dioxide CO <sub>2</sub>	2 % vol	0 ppm
	<b>ADT-63-1125</b>	
	< 15 ppm	
	< 5 % of reading	
	0 ppm ± 15 ppm	
	< 10%	6
	t <sub>90</sub> < 120 sec.; t <sub>50</sub> < 20 sec.	
	-40 °C to + 10 °C (-40 °F to 50 °F)	
	> 18	
	*	
Carbon monoxide; CO	100 ppm	95 ppm
Hydrogen H <sub>2</sub>	3000 ppm	3000 ppm
Sulphur dioxide SO <sub>2</sub>	20 ppm	5 ppm
Hydrogen sulphide H <sub>2</sub> S	20 ppm	40 ppm
Phosphates	300 ppm	0 ppm
Nitrogen dioxide NO <sub>2</sub>	10 ppm	0 ppm
Chlorine Cl <sub>2</sub>	5 ppm	0 ppm
Hydrogen chloride HCl	10 ppm	0 ppm
Carbon dioxide CO <sub>2</sub>	0,5 % vol	0 ppm
Alcohols	1000 ppm	Yes
Amines	---	Yes
Arsines	0,2 ppm	0 ppm

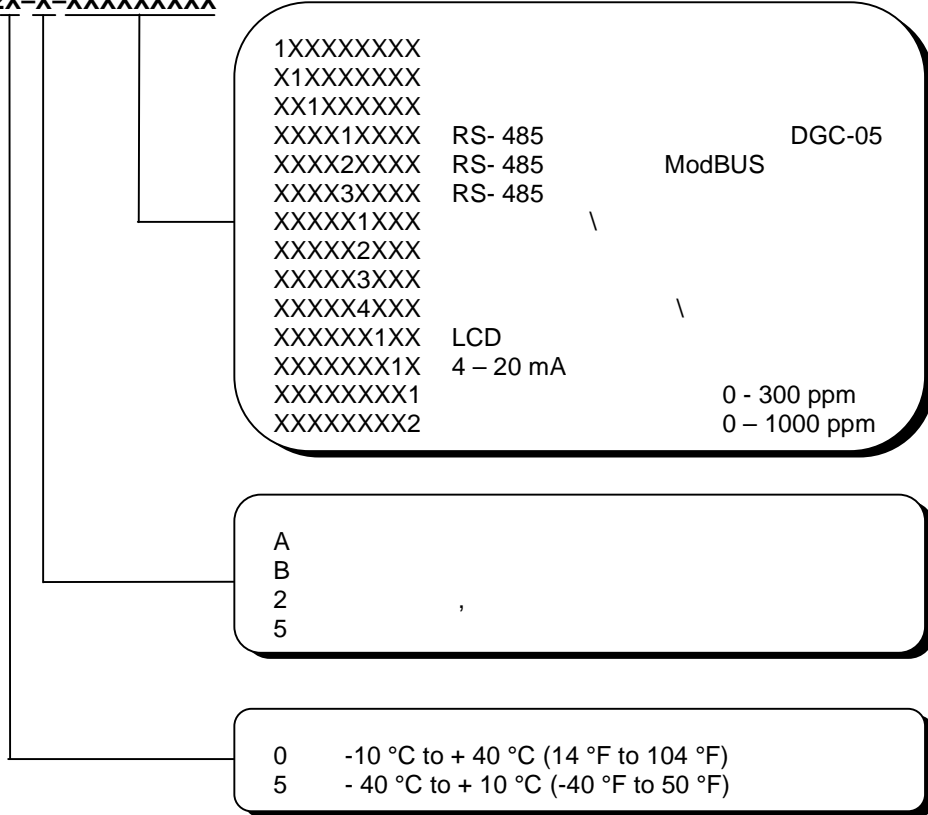
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	18 - 28 VDC/AC, 22 mA, max. (0,6 VA)
( )	
: / , 0 / 20 %	(0) 4 – 20 mA, load ≤ 500 Ω, (0) 2 - 10 V; load 50 k Ω
	RS 485 / 19200 Baud
A *	
*	UL 94 V2 RAL 7032 ( )
(W x H x D)	94 x 130 x 57 mm (3.7 x 5.12 x 2.24 inch.) Approx. 0.5 kg (1.1 lbs.) IP 65
	1 x M 20 , min. 0.25 mm <sup>2</sup> (24 AWG) max. 2.5 mm <sup>2</sup> (14AWG) : ca. 500 m (1500 ft) : ca. 200 m (600 ft.)
	EMC Directive 89/336/EEG CE 1 ( )
Alarm relay 1	30 VAC/DC 0,5 A, potential-free, SPDT
Alarm relay 2	30 VAC/DC 0,5 A, potential-free SPNO/SPNC 30 mA, max. 0,8 VA)
	85 dB ( 300 mm) 3,5 kHz 30 mA, max. 0,8 VA)
<b>LCD</b>	
LCD	2 16 10 mA, max. 0,3 VA)
	3 °C ±2°C (37,4 °F ± 3,6 °F) - 40 °C (-40 °F) 18 - 28 VDC/AC 0,3 A; 7,5 VA
RS-485	4 – 20 mA 200 Ω 24 VDC max. load 50 mA

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**ADT-X3-112X-X-XXXXXXXXXX**



: , -10 °C to 40 °C,  
 , , 0- 300 ppm

**: ADT-53-1120-5-XXXXX1XX1**

