



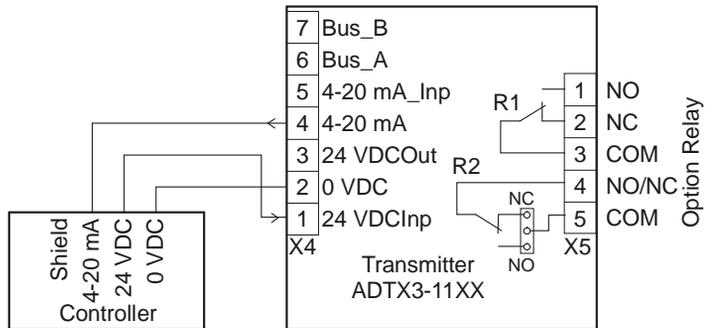
# GAS ALARM SYSTEMS

(Ammonia (NH <sub>3</sub> ))	
:	30 - 300 ppm
	t <sub>90</sub> ≤ 100 sec.
	21 % ( ) 18 %
	15 – 95 % RH non condensing
	-20 °C to + 50 °C (-4 °F to 122 °F)
	0 °C to + 40 °C (32 °F to 104 °F)
	± 10 %
	6
	> 5
Ethanol, C <sub>2</sub> H <sub>6</sub> O	< 1
Iso butane, C <sub>4</sub> H <sub>10</sub>	> 1
Hydrogen, H <sub>2</sub>	> 1
	16 - 28 VDC/AC,
( )	45 mA, max. (1,10 VA)
: / ,	(0) 4 – 20 mA, load ≤ 500 Ω,
0 / 20 %	(0) 2 - 10 V; load 50 k Ω
	RS 485 / 19200 Baud (9600 for ModBus)
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.)
	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> (14 AWG)
	: ca. 500 m (1500 ft)
	: ca. 200 m (600 ft.)
	EMC Directive 2004/108/EEC
	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)



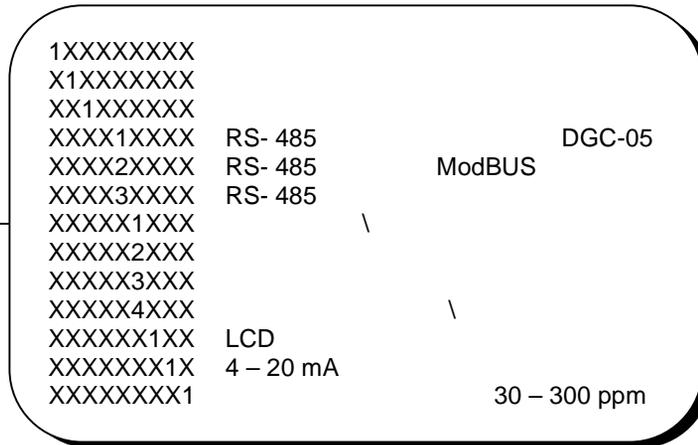
# GAS ALARM SYSTEMS

		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)	
		0,3 A; (7,5 VA)	
RS-485		4 – 20 mA	
			200 Ω
		24 VDC max. load 50 mA	



# GAS ALARM SYSTEMS

**ADT-33-1120-X-XXXXXXXX**



30- 300 ppm

**: ADT-33-1120-5-XXXXX1XX1**