

PolyGard® Chlorine Cl₂ Transmitter ADT53 1193

ADT-53
Cl₂ ADT-53
(0) 4 - 20 (0) 2 - 10
RS-



53
and DGC,

RS-485 ADT-
PolyGard MGC



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□ (0) 4 - 20 / (0) 2 - 10
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□ IP65
□ RS-485
□ RS-485 () ()
□ 4 - 20 () ()
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□ () ()
□ () () ()

GAS ALARM SYSTEMS

Chlorine (Cl ₂)	
:	0 – 10 ppm () 0 – 2 ppm / 0 – 5 ppm / 0 – 20 ppm () -10 °C to + 50 °C (14 °F to 122°F) ± 15 % 15 – 90 % RH non-condensing 5 °C to 30 °C (41 °F to 86 °F) Max. 3 0,2 m (0,7 ft.) 0,1 ppm < 2 % of reading < 2% t ₉₀ ≤ 90 s > 2
*	(ppm) (ppm)
Carbon monoxide, CO	300 0
Hydrogen, H ₂	300 0
Nitrogen dioxide, NO ₂	20 ~ 20
Nitric oxide, NO	35 0
Sulphur dioxide, SO ₂	5 0
	18 - 28 VDC/AC, (2- VDC)
()	22 mA, max. (0,6 VA) 12 mA, max. (0,3 VA)
:	(0) 4 – 20 mA, load ≤ 500 Ω, (0) 2 – 10 V, load 50 k Ω
/	0 / 20 %
	RS 485 / 19200 Baud (9600 at Mod_Bus)
A*	UL 94 V2 RAL 7032 () 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 ² (24 AWG) max. 2.5 mm ² (14 AWG)
(W x H x D)	: ca. 500 m (1500 ft.) : ca. 200 m (600 ft.)



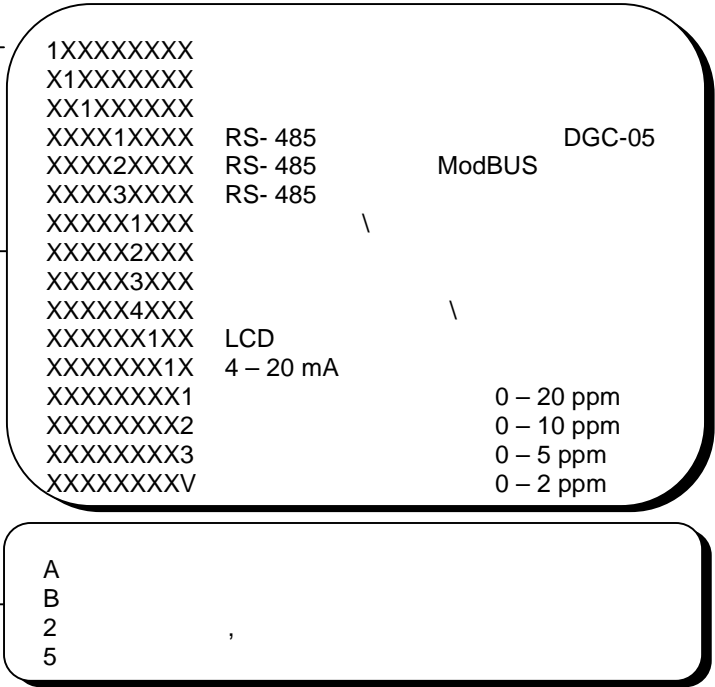
GAS ALARM SYSTEMS

	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) (1 ft)	
	3,5 kHz	
	30 mA, (max 0,8 VA)	
LCD		
LCD	2 16	
	10 mA, (max 0,3 VA)	
	3 °C ±2°C (37.4 °F ± 3,6 °F)	
	- 30 °C (- 22 °F)	
	18 - 28 VDC/AC	
	0,3 A; 7,5 VA	
RS-485	4 – 20 mA	
		200 Ω
	24 VDC, max. 50 mA	

*Другие газы также могут влиять на чувствительность. Указанные данные о кросс-чувствительности действительны только для новых датчиков

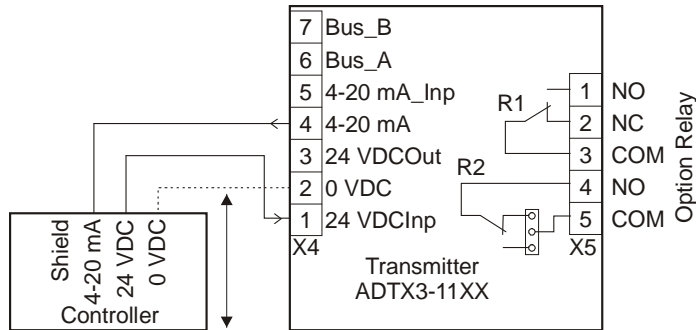
GAS ALARM SYSTEMS

ADT-53-1193-X-XXXXXXXXXX



0- 20 ppm

: ADT-53-1193-5-XXXXX1XX1



0 VDC: Only with options