

# PolyGard® Refrigerant Gas Transmitter ADT-D3 20XX

ADT-D3

( )  
( )

HFC  
HCFC

5

ADT-D3  
(0) 4 - 20

(0) 2 - 10  
RS-85

2



EN 378-3.

RS-485

ADT-D3  
PolyGard MSR-E,

HCFC and HFC,



- (NDIR).
- 
- 
- >10
- >5
- 
- (0) 4 - 20 / (0) 2 - 10
- RS-485
- IP65
- plug-in
- RS-485 ( )
- 4 - 20 ( )

# GAS ALARM SYSTEMS

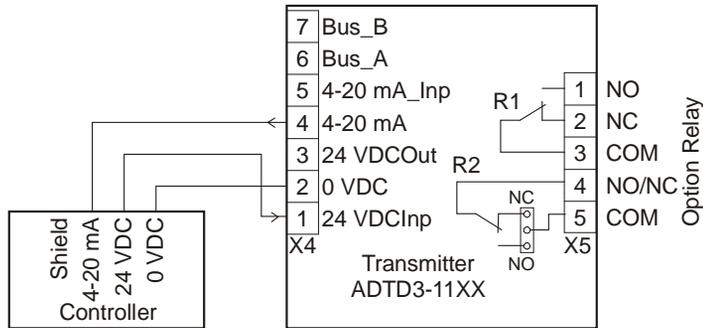
□ ( )  
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 □ ( ) ( )

	(NDIR)
	0 - 2000 ppm
	<2%
	<2%
	t <sub>90</sub> < 30 sec.
	10 ppm
	-10 °C to + 40 °C (14 °F to 104 °F)
	<2% /
	<3% /
	800 – 1100 hPa
	5 – 95 % RH non-condensing
	> 10 years
	> 5 years
	0 °C to 50 °C (32 °F to 122 °F)
	.6
	16 - 28 VDC/AC, ( )
, ( )	45 mA, max. (1,1 VA)
: /	(0) 4 – 20 mA, load ≤ 500 Ω,
0 / 20 %	(0) 2 - 10 V, load 50 k Ω
	RS 485 / 19200 Baud (9600 at Mod_Bus)
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 ( )



# GAS ALARM SYSTEMS

	1	30 VAC/DC, 0,5 A, potential-free, SPDT	
	2	30 VAC/DC, 0,5 A, potential-free, SPNO/SPNC	
		30 mA, (max 0,8 VA)	
		85 dB (distance 300 mm) (1 ft)	
		3,5 kHz	
		30 mA, (max 0,8 VA)	
<b>LCD</b>			
LCD		Two lines, each 16 characters	
		10 mA, (max 0,3 VA)	
		3 °C ±2°C (37.5 °F ± 3,6 °F)	
		- 40 °C (- 40 °F)	
		0,3 A; 7,5 VA	
	RS-485	4 – 20 mA	200 Ω
		24 VDC max. charge 50 mA	



# GAS ALARM SYSTEMS

**ADT-D3-20XX-X-XXXXXXXXXX**

1XXXXXXXXX			
X1XXXXXXXX			
XX1XXXXXXXX			
XXXX1XXXX	RS- 485		DGC-05
XXXX2XXXX	RS- 485	ModBUS	
XXXX3XXXX	RS- 485		
XXXXX1XXX			
XXXXX3XXX			
XXXXXX1XX	LCD		
XXXXXXX1X	4 – 20 mA		
XXXXXXXXX2			0 - 2000 ppm

A  
B  
2  
5

2064	R 123
2065	R 125
2070	R 22
2077	R 134a
2078	R 404a

„PolyGard AT/DT ”

, R134a,

0 - 2000 ppm

**: ADT-D3-2077-5-XXXXX1XX2**