

PolyXeta®

XT-21-34XXP

1 2

4 - 20

(LEL),  
( )

XT.S/CKD.



Zone 1+2

1 2,  
2.

EEx-d  
EEx-n

PolyXeta

1 2.

4 to 20 mA



Zone 2

MSR-E).

( . . PolyGard MGC DGC

PolyXeta  
RS-485

ATEX MSR / Sensitron

10

4 - 20mA

( ,

4-20mA  
3

(0, 10 20 mA)

( )

( )

# GAS ALARM SYSTEMS

- - ( )
- RS 485 ( )

VDC)	( 12	12 - 24 VDC -20% +15%
		90 mA, max. 130 mA
		4 to 20 mA
	10 (	200 Ω 0-10-20 mA 1024 )

( )	4 ; 5
( )	RS-485
- ( )	. 24 VAC/DC, 1 A
- ( )	. 24 VAC/DC, 1 A
( )	. 24 VDC, 20 mA

	0-100 %LEL
	t <sub>90</sub> ≤ 60
	± 5 % 10 %
	± 5 %
	300
	120

	20 90 % RH / 40 °C (104 °F)
	-10 °C + 60 °C (14 °F + 122 °F)
	-25 °C + 60 °C (-13 °F + 140 °F)
	800 1100 mBar (80 110 kPa)
	< 6m/

( x x ) EEx-d	200 x 105 x 90 mm (7.87 x 4.13 x 3.54 In.)
( x x ) EEx-n	160 x 106 x 62 mm (6.30 x 4.17 x 2.44 In.)
( )	EEx-d: 0,9 (2.0 lbs.) EEx-n: 0,8 (1.8 lbs.)
	EEx-d: IP65 EEx-n: IP55
	( )
	1 x NPT ¼ In.
	, .0.25 (24 AWG) m . 2.5 mm <sup>2</sup>
	(14AWG)
	. 200 Ω
	(= +

<b>ATEX</b>	<b>CE</b> 722 <sup>Ex</sup> II 2G EEx d IIC T6
<b>EC</b>	<b>CE</b> 722 <sup>Ex</sup> II 3G EEx nA IIC T6
	CESI 01ATEX053 (
	EEx-d vers.)
	CESI 03ATEX339 (
	EEx-n vers.)
	CESI 02ATEX084 ( )
	CESI 01ATEX013U or CESI 01ATEX066U



# GAS ALARM SYSTEMS

EN50014, E50018; EN50021 (Electr: Saf. Req. EEx-d  
and -n)

EN 61779-1/4 (Performances)

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( )

XT21-34XX-PXX-XXX

1XX	-	
2XX		
3XX	RS-485	
X1X	-	**
XX1		

/		
PXX		
PDX	EEx-d ( 1)	
PNX	EEx-n ( 2)	*
PXL		***

00	Methane	CH <sub>4</sub>
02	LPG (liquefied petroleum gas)	
05	Acetylene	C <sub>2</sub> H <sub>2</sub>
08	Ammonia	NH <sub>3</sub> (0-100%LEL)
09	Ammonia	NH <sub>3</sub> (2000 ppm)
10	Ethylene	C <sub>2</sub> H <sub>4</sub>
12	Ethylene Oxide	ETO
20	Ethane	C <sub>2</sub> H <sub>6</sub>
25	Ethyl Alcohol	C <sub>2</sub> H <sub>5</sub> OH
27	Ethyl-Acetate	CH <sub>3</sub> COOC <sub>2</sub> H <sub>5</sub>
35	n-Hexane	C <sub>6</sub> H <sub>14</sub>
40	Hydrogen	H <sub>2</sub>
50	Methanol	CH <sub>3</sub> OH
58	Methyl Ethyl Ketone	C <sub>4</sub> H <sub>8</sub> O
60	n-Butane	C <sub>4</sub> H <sub>10</sub>
65	ISO-Butane	C <sub>4</sub> H <sub>10</sub>
68	ISO Butyl Alcohol	C <sub>4</sub> H <sub>10</sub> O
72	Cyclopentane	C <sub>5</sub> H <sub>10</sub>
75	n-Pentane	C <sub>5</sub> H <sub>12</sub>
76	Iso-Pentane	C <sub>5</sub> H <sub>12</sub>
78	Propene	C <sub>3</sub> H <sub>6</sub>
80	Propane	C <sub>3</sub> H <sub>8</sub>
82	Iso Propyl Alcohol	C <sub>3</sub> H <sub>8</sub> O
84	Propyl Alcohol	C <sub>3</sub> H <sub>8</sub> O
85	Acetone	(CH <sub>3</sub> ) <sub>2</sub> CO
88	Acetic Acid	C <sub>2</sub> H <sub>4</sub> O <sub>2</sub>
90	Toluene	C <sub>7</sub> H <sub>8</sub>
91	n-Heptane	C <sub>7</sub> H <sub>16</sub>
92	Styrene	C <sub>8</sub> H <sub>8</sub>
93	Xylene	C <sub>8</sub> H <sub>10</sub>
94	Trimethylbenzene	C <sub>9</sub> H <sub>12</sub>
95	Nonane	C <sub>9</sub> H <sub>20</sub>
96	Petrol Vapours	
98	JP8	

\* , LPG, n-Butane,  
Propane and Petrol vapours

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T, EEx-d



: XT21-3400-PDL-101

