



AC 038





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SUPPLEMENTARY EC-TYPE EXAMINATION CERTIFICAT

- [2] Equipment, protective systems and components intended for use in potentially explosive atmospheres Directive 94/9/EC
- [3] Supplementary EC-Type Examination Certificate:

KDB 05ATEX082/1

[4] Equipment and protective system:

Repeater power supply ZS-30EEx, ZS-31EEx

[5] Manufacturer:

APLISENS-Manufacture of Pressure Transmitters
And Control Instruments

[6] Address:

[1]

ul. Morelowa 7,03-192 Warszawa

[7] This supplementary certificate extends EC-Type Examination Certificate No. KDB 05ATEX082 to apply to equipment or protective systems designed and constructed in accordance with the specification set out in the Schedule of the said Certificate but having any variations specified in the Schedule attached to this certificate and the documents therein referred to

This Supplementary Certificate shall be held with the original Certificate.

The examination and test results are recorded in confidential report number KDB No. 05.074/1 [T-5399]

[8] Marking:

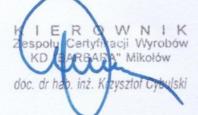


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Date of issue: 25.05.2006

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SŁÓWNY INSTYTUŁ GORNICTWA K I E R O W N I K Jednostki Kortyjkującej

dr inż. Dariusz Stefaniak



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[9]

SCHEDULE

- [10] Supplementary EC-Type Examination Certificate KDB 05ATEX082/1
- [11] Description of the variation to the equipment or protective system:

The following changes have been made in the device:

- electrical connections;
- circuit board unit;
- value of elements: D2, R109, R106, R105, D101, R7, R8, R25, R26;
- the following elements have been added: D103, C28.

Technical parameters and marking of the device have not been changed.

[12] Test report:

Report no. KDB No. 05.074/1

[13] Special condition for safe use:

- none

[14] Essential health and safety requirements:

See original certificate KDB 05ATEX082.



[15] Descriptive documents:

N°	Drawing name	Sheet	Drawing number
1.	Technical documentation of repeater power supply type ZS-30EEx. List of documentation.	1A 2A	ZS30EEx-A000-00
	ZS-30EEx repeater power supply. Scheme. Input circuit diagram. No ZS30EEx-B001-TA	1A	ZS30EEx-S001-TA
2.	ZS-30EEx repeater power supply. Scheme. Output circuit diagram. No. ZS30EEx-B002-TA for 420mA, 020mA, 05mA current outputs	2В	
	ZS-30EEx repeater power supply. Scheme. Output circuit diagram. No ZS30EEx-B002-TA for 010V, 05V, 15V, 210V voltage outputs.	2C	
	ZS-30EEx repeater power supply. Electronics boards lay-out.	1A	ZS30EEx-A001-TA
3.	ZS-30EEx repeater power supply. Plate lay-out	2A	
	Casing of repeater power supply ZS30EEx	3	



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[9]

SCHEDULE

[10] Supplementary EC-Type Examination Certificate KDB 05ATEX082/1

	Input circuit board unit. Reeved elements side view.	1A	ZS30EEx-B001-TA
4.	Input circuit board unit. ZS30EEx-WE print and SMD elements view.	2A	
	Input circuit board unit. Specification.	3A	
	Output circuit board unit. Reeved elements side view.	1A	ZS30EEx-B002-TA
	Output circuit board unit. ZS30EEx-WY print and SMD elements view.	2A	
5.	Output circuit board unit. Specification. version 01 (output 420mA), version 02 (output 020mA), version 03 (output 05mA)	4A 5A	
	Output circuit board unit. Specification. version 04 (output 010V), version 05 (output 05 V) version 06 (output 15V), version 07 (output 210 V)	6A 7A	
6.	Supplement (analysis AN.ZS-30EEx.01 section 8.8)	1	AN.ZS-30.31EEx.01
7.	Technical documentation of repeater power supply type ZS-31EEx. List of documentation.	1A 2A	ZS31EEx-A000-00
8.	ZS-31EEx repeater power supply. Scheme. Input circuit diagram No ZS31EEx-B001-TA	1A	ZS31EEx-S001-TA
	Input circuit board unit Reeved elements side plate view	1A	ZS31EEx-B001-TA
9.	Input circuit board unit ZS31EEx-WY print and SMD elements view.	2A	
	Input circuit board unit. Specification.	3A	
	Output circuit board unit. Specification Version 01 (output 420mA)	4A	ZS31EEx-B002-TA
10.	Output circuit board unit. Specification. Version 02 (output 020mA), version 03 (output 05mA)	5A	
10.	Output circuit board unit. Specification Version 04 (output 010V), version 05 (output 05 V)	6A	
	Output circuit board unit. Specification Version 06 (output 15V), version 07 (output 210 V)	7A	
11.	Supplement (analysis AN.ZS-31EEx.01 section 8.8)	1	AN.ZS-30.31EEx.0
12.	Sheet of changes no 1	1 2	ZS30EEx-A000-02

