azbil

EU DECLARATION OF CONFORMITY

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We declare under our sole responsibility that the following products,

Automatic Burner Control System
Model AUR255

to which this declaration relates, comply with the requirements of the following **Directives** based on the following **harmonized standards**.

No.	Directive:	Harmonized standards:
1	EMC 2014/30/EU	EN 61000-3-2:2014, EN 61000-3-3:2013, EN 55011:2016+A1:2017+A11:2020, EN 60730-1:2011
2	LVD 2014/35/EU	EN 60730-2-5:2015
3	RoHS 2011/65/EU	EN IEC 63000:2018
4	GAR(EU) 2016/426	EN 298:2012

Details of No. 1
- The technical documents: **AT001140**
Details of No. 2
- The technical documents: **AT001141**
Details of No. 3
- The technical documents: **AT001142**
- The product is classified as Industrial Monitoring and Control Equipment (category 9).
Details of No.4
- The EU-type examination certificate: **22GR0384/00**
- Pin number: 0063DN1934
- The name, identification number and address of the notified body conducting the EU-type examination are:
  - KIWA NEDERLAND B.V.
  - 0063
  - Wilmersdorf 50, 7327 AC, Apeldoorn, THE NETHERLANDS

The models covered by this declaration are referred to the appendix 1.
The analysis for GAR and other information are described to the appendix 2

The authorized representative established within the European Community:
Azbil Europe NV
Bosdellestraat 120/2
B - 1933 Zaventem (Sterrebeek)
BELGIUM

The authorized signatory to this declaration, on behalf of the manufacturer, and the responsible person is identified below.

Azbil Corporation

1-12-2 Kawana
Fujisawa-shi, Kanagawa-ken
251-8522 JAPAN

Nobuyuki Ohnishi
Director
Control Products Development Department,
Advanced Automation Company
Issue Date: _14. Apr_ , 20 _23_

Appendix 1

AUR255(a)1(b)(c)(d)(e)(f)(g)

(a) - Replaced by letter B,C,R
(b) - Replaced by numeral 3,5 or letter A,F,S
(c) - Replaced by numeral 2,3
(d) - Replaced by numeral 1,2,3
(e) - Replaced by numeral 1,2,3,4
(f) - Replaced by numeral 0 or letter D
(g) - Replaced by letter M## (Part "##" are replaced 00 to 99) or no letter

AUR255(a)2(b)(c)(d)(e)(f)(g)

(a) - Replaced by letter B,C,R
(b) - Replaced by numeral 3,5 or letter A,F,S
(c) - Replaced by numeral 0
(d) - Replaced by numeral 1,2,3
(e) - Replaced by numeral 1,2,3,4
(f) - Replaced by numeral 0 or letter D
(g) - Replaced by letter M## (Part "##" are replaced 00 to 99) or no letter

AUR255(a)3(b)(c)(d)(e)(f)(g)

(a) - Replaced by letter B,C,R
(b) - Replaced by numeral 3,5 or letter A,F,S
(c) - Replaced by numeral 0
(d) - Replaced by numeral 1,2,3
(e) - Replaced by numeral 1,2,3,4
(f) - Replaced by numeral 0 or letter D
(g) - Replaced by letter M## (Part "##" are replaced 00 to 99) or no letter

AUR255M3(b)(c)(d)(e)(f)(g)

(b) - Replaced by numeral 3,5 or letter A,F,S
(c) - Replaced by numeral 2,3
(d) - Replaced by numeral 0
(e) - Replaced by numeral 7
(f) - Replaced by numeral 0 or letter D
(g) - Replaced by letter M## (Part "##" are replaced 00 to 99) or no letter

AUR255(a)4(b)(c)(d)(e)(f)(g)

(a) - Replaced by letter B,C,R
(b) - Replaced by numeral 3,5 or letter A,F,S
(c) - Replaced by numeral 0
(d) - Replaced by numeral 1,2,3
(e) - Replaced by numeral 1,2,3,4
(f) - Replaced by numeral 0 or letter D
(g) - Replaced by letter M## (Part "##" are replaced 00 to 99) or no letter

AUR255M4(b)(c)(d)(e)(f)(g)

(b) - Replaced by numeral 3,5 or letter A,F,S
(c) - Replaced by numeral 0
(d) - Replaced by numeral 0
(e) - Replaced by numeral 7
(f) - Replaced by numeral 0 or letter D
(g) - Replaced by letter M## (Part "##" are replaced 00 to 99) or no letter

Connectable Products

Sub-base BC-R05A10(g)

(g) - Replaced by numeral 0 or letter A to Z

Flame DetectorAUD100C100(b)

(b) - Replaced by numeral 0 or letter A to Z

Flame Detector.AUD110C100(b)

(b) - Replaced by numeral 0 or letter A to Z

Flame Detector.AUD120C12(c)(b)

(c) - Replaced by numerals 0, 1
(b) - Replaced by numeral 0 or letter A to Z

Replacement Parts

UV tube unit for the AUD100/110/120   AUD15C1(a)0(b)

(a) - Replaced by numerals 0, 1
(b) - Replaced by numeral 0 or letter A to Z

Appendix 2

Object of the declaration		

Identification of the apparatus
AUR255
 	
Technology: Digital/complex
Rated Voltage: 100-220Vac (*)
  Frequency: 50 / 60Hz
Power Consumption: < 15W(**)
T.amb: -20-60℃
Class: C
Safety time: 3/5/10/15/30s (*)
Reaction Time: < 1s
FFRT: 1/2/4s (*)
Gas valve output: 200VA
Ignition output: 300VA
 	
(*)Depending on Type
(**)Include flame detector
	Identification of the apparatus
	BC-R05A100
	
	Technology: Digital/complex
	Rated Voltage: 100-230Vac
	  Frequency: 50 / 60Hz
	T.amb:-20-60℃	

Identification of the apparatus
AUD100C
 	
Technology: Analog/complex
Rated Voltage: < 400V (*)
  Frequency: 50 / 60Hz
Input Current: < 10mA
T.amb:-20-120℃
 	
(*) It is powered from BC-R in special frequency waveform.
	Identification of the apparatus
	AUD110C
	
	Technology: Analog/complex
	Rated Voltage: < 400V (*)
	  Frequency: 50 / 60Hz
	Input Current: < 10mA
	T.amb:-20-120℃
	
	(*) It is powered from BC-R in special frequency waveform.
		Identification of the apparatus
		AUD120C
		
		Technology: Analog/complex
		Rated Voltage: < 400V (*)
		  Frequency: 50 / 60Hz
		Input Current: < 10mA
		T.amb:-20-120℃
		
		(*) It is powered from BC-R in special frequency waveform.

The following **harmonized standards** and **technical specification** have been applied
Title , date of standard/specification
EN298:2012

Basic risk evaluated	Safety functions
Explosion (gas or steam), Fire	Driving the on/off gas valve(s) Safety timing, sequencing and non-volatile lock-out Flame supervision Overheat cut-out by auto reset electromechanical cut-out *) *) Auto reset electromechanical cut-out not included
Poisoning (combustion gases, water and food), Suffocation	N/A
Hot surface temperatures	N/A
Long term exposure to substances harmful to health	N/A

Notify Body: **Kiwa Nederland B.V.** Certificate number: 22GR0384/00	4 digit notified body number *0063*
Additional information and remarks:	