

**EU DECLARATION OF CONFORMITY**

We **Yokogawa Electric Corporation**  
**2-9-32 Nakacho, Musashino-shi, Tokyo, 180-8750 Japan**

declare under our sole responsibility that the Products identified as:

Model code	Model name
<b>FN110</b>	<b>Field Wireless Communication Module</b>

further specified with model suffix and option codes:

**As listed in General Specification: GS 01W03B01-01EN (Ed.8)**  
See Appendix 2 for additional information.

are in compliance with the EU law and legislation providing for the CE-marking, as listed in Appendix 1.

Information relevant to the conformity and identification of these Products is provided in Appendix 2, Appendix 3 and Appendix 4.

Subject products are:

- Produced according to appropriate quality control procedure.
- Provided with the CE-marking as from **2014**.

Signature:

(Manufacturer)

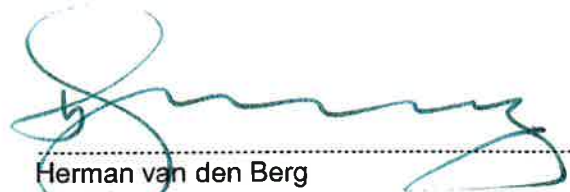
Tokyo, 19 June, 2017



Hideyuki Toda  
General Manager  
Wireless Development Dept.  
New Field Development Center  
IA Products and Service Business HQ  
Yokogawa Electric Corporation

(Authorized Representative in the EEA)

Amersfoort, *26 June 2017*



Herman van den Berg  
President  
Yokogawa Europe B.V.  
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YEF-HQ internal reference:  
EU DoC: FN110


## Appendix 1

The products are built in compliance with requirements of the following EU Directives and Standards;

Model – Suffix / Option code structure: **FN110** – bb – c d e f – g h / x  
 (Distinctive combinations of suffix and option codes as indicated per table. Unless otherwise stated, it means that all defined code is relevant.)

EU Directives	Standards
<p><b>2014/53/EU</b> (RE)</p>	<p><b>HEALTH &amp; SAFETY</b> (Article 3, 1. (a))  <b>EN 61010-1:2010</b>            Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements  <b>EN 62479:2010</b>            Assessment of the compliance of low power electronic and electrical equipment with the basic restrictions related to human an exposure to electromagnetic fields (10 MHz to 300 GHz)</p> <p><b>EMC</b> (Article 3, 1. (b)) <math>\triangle</math>  <b>EN 301 489-1 V2.1.1</b>            ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU and the essential requirements of article 6 of Directive 2014/30/EU.  <b>EN 301 489-17 V3.1.1</b>            ElectroMagnetic Compatibility (EMC) standard for radio equipment and services; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonised Standard covering the essential requirements of article 3.1(b) of Directive 2014/53/EU.  <b>EN 61326-1:2013 Class A Table 2</b>            Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements  <b>EN 55011:2009+A1:2010 Class A Group1</b>            Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement</p> <p><b>SPECTRUM</b> (Article 3, 2.)  <b>EN 300 328 2.1.1</b>            Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonised Standard covering the essential requirements of article 3.2 of Directive 2014/53/EU.</p>
<p><b>2011/65/EU</b> (RoHS)</p>	<p><b>EN 50581:2012</b>            Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.</p>

$\triangle$ Rev.1: Correction of a typographic error.

EU Directives	Standards	-Suffix	/Option
2014/34/EU (ATEX)	<b>EN 60079-0:2012+A11:2013</b> Explosive atmospheres -- Part 0: Equipment - General requirements <b>EN 60079-11:2012</b> Explosive atmospheres -- Part 11: Equipment protection by intrinsic safety "I" The equipment or protective system includes the following specific marking of explosion protection:  <b>II 1 G Ex ia IIC T4 Ga</b>	bb = <b>A1</b>	<b>KS27</b>
	The Name of the Notified Body: <b>DNB Nemko Presafe AS.</b> The Identification Number of the Notified Body: <b>2460</b> The Address of the Notified Body: <b>P.O. Box 73, Blindern, 0314 Oslo, Norway</b> The Number of the EC Type-Examination Certificate: <b>Presafe 15 ATEX 6309X</b>		
	Quality Assurance Notification is issued by: The Name of the Notified Body: <b>DEKRA Certification B.V.</b> The Identification Number of the Notified Body: <b>0344</b> The Address of the Notified Body: <b>Meander 1051 6825 MJ Arnhem, The Netherlands</b> The Number of Quality Assurance Notification: <b>DEKRA 11ATEXQ0127</b>		

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## Appendix 2

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In case the Product model code contains the code "Z", it means that the Product is produced with a customer specific modification. Any such Product - in case produced after the date of signing this document by the Manufacturer - is also in scope of this EU-Declaration of Conformity. The code "Z"- specific application notes and Serial Numbers of Products subject to this modification are listed in a dedicated document, of which original is a part of the Technical Documentation. A copy of that document is accompanying each product at delivery.

## Appendix 3

The accessories in the list below have CE-marking significant compliance relevance; The full list of accessories for this product and references to documents containing instruction for safe use can be found in **IM 01W03B01-01EN** and **IM 01W03B01-02EN** for FN110 Attachment.

Model No.	Model name	Description	Relevant EU Directives		
			RE	RoHS	ATEX <sup>*1</sup>
F9092ED	Remote antenna cable	3m with mounting bracket and metal waterproof cap	C	C	C <sup>*2</sup>
F9092EE		10m with mounting bracket and metal waterproof cap	C	C	C <sup>*2</sup>
F9092EF		20m with mounting bracket and metal waterproof cap	C	C	NS <sup>*3</sup>
F9092EG		3m with mounting bracket	C	C	C <sup>*2</sup>
F9092EH		10m with mounting bracket	C	C	C <sup>*2</sup>
F9092EJ		20m with mounting bracket	C	C	NS <sup>*3</sup>
IM 01W03B01-01EN	User's Manual	---	R	R	R

**Indications:** 'C' = The accessory conforms to the Directive as a part of the product.  
'R' = The accessory is relevant to the conformity of the product as a part of the product.  
'NS' = The accessory does not support the Directive.  
'NR' = The accessory is not relevant to the conformity of the product.

- \*1: ATEX is only applicable the product with /KS27.  
\*2: Cables are outside of the scope of EN 60079-11 and excluded in **Presafe 15 ATEX 6309X**, but - in case connected to the FN110 - in scope of this EU Declaration of Conformity covering the total configuration for all intended applications.  
\*3: Electrical parameters of the cable exceed maximum permissible values certified by **Presafe 15 ATEX 6309X**.

## Appendix 4

### External View of FN110



With FN110 attachment

Image of Nameplate  
(Typical example; details may differ)

<b>MODEL</b>	FN110
<b>SUFFIX</b>	-A1-L00A-AA
<b>READ IM 01W03B01-01</b> <b>LISEZ IM 01W03B01-01</b>	
	FCC ID : SGJ-WFC011 IC : 8999A-WIC010
2015.04	
<b>S/N</b>	91P327137 017
<b>EUI64</b>	0000:64FF:FE9B:C16E
<b>SUPPLY</b>	2.9-4.8 VDC  60mA
<b>TAG NO.</b>	NE13A-1234
<b>YOKOGAWA</b> <b>Made in Japan</b> Yokogawa Electric Corporation TOKYO 180-8750 JAPAN	

<b>MODEL</b>	FN110
<b>SUFFIX</b>	-A1-L00A-AA/KS27
<b>WARNING</b>	
<b>POTENTIAL ELECTROSTATIC CHARGING HAZARD</b> <b>READ IM 01W03B01-01</b> FCC ID : SGJ-WFC011 IC : 8999A-WIC010	
2015.04	
	II 1 G Ex ia IIC T4 Ga -40°C ≤ Ta ≤ +70°C Presafe 15ATEX6309X <b>0344 INSTALL AS PER IIE023-A71</b>
<b>S/N</b>	91P327137 017
<b>EUI64</b>	0000:64FF:FE9B:C16E
<b>SUPPLY</b>	2.9-4.8 VDC  60mA
<b>TAG NO.</b>	NE13A-1234
<b>YOKOGAWA</b> <b>Made in Japan</b> Yokogawa Electric Corporation TOKYO 180-8750 JAPAN	

Explosion Protected Type  
(only when /KS27 is specified)

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