

**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>

specified with the suffix code of 'Inter module communication': **-G1**

further specified with model suffix and option codes:

**as listed in General Specification: GS 01W03C01-01EN (Ed.3)**

is 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 and Appendix 3.

Subject product is:

- Produced according to appropriate quality control procedure.
- Provided with the CE-marking as from **2017**.

Signature:


Tokyo, 18 January 2019



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

## Appendix 1

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

EU Directives and Standards	
EU Directives	Standards
<b>2014/53/EU</b> (RED)	<p><b>HEALTH &amp; SAFETY [Article 3, 1. (a)]</b>  <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 [Article 3, 1. (b)]</b>  <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>  <b>EN 55011:2016+A1:2017 Class A Group1</b>            Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement</p> <p><b>SPECTRUM (Article 3 2.)</b>  <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>
<b>2011/65/EU</b> (RoHS)	<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>
<b>2014/34/EU</b> (ATEX) <sup>*1</sup>	<p><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"</p> <p>The equipment or protective system includes the following specific marking of explosion protection:</p> <p style="text-align: center;"> <b>II 1 G Ex ia IIC T4 Ga</b></p> <p>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 EU Type-Examination Certificate: <b>Presafe 15 ATEX 6309X</b></p> <p>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></p>

\*1: ATEX is only applicable the product with /KS27.

## Appendix 2

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 01W03C01-01EN** and **IM 01W03B01-02EN** for FN110 Attachment.

**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.

'NR' = The accessory is not relevant to the conformity of the product.

'NS' = The accessory does not support the Directive.

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 01W03C01-01EN		User's Manual	---	R	R

**\*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 3

### External View of FN110-G1



With FN110 attachment

Image of Nameplate  
(Typical example; details may differ)

<b>MODEL</b>	FN110
<b>SUFFIX</b>	-G1-L00A-AA/CP/PT01
 <b>READ IM 01W03C01-01</b> <b>LISEZ IM 01W03C01-01</b>	
	FCC ID : SGJ-WFC011 IC : 8999A-WIC010
2017.02	
<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> <span style="font-size: small;">Made in Japan</span> Yokogawa Electric Corporation <span style="float: right;">TOKYO 180-8750</span> <span style="float: right;">JAPAN</span>	

<b>MODEL</b>	FN110
<b>SUFFIX</b>	-G1-L00A-AA/CP/PT01
 <b>WARNING</b> /KS27 POTENTIAL ELECTROSTATIC CHARGING HAZARD <b>READ IM 01W03C01-01</b> FCC ID : SGJ-WFC011 IC : 8999A-WIC010	
	II 1 G Ex ia IIC T4 Ga -40°C ≤ Ta ≤ +70°C Presafe 15ATEX6309X
0344 <b>INSTALL AS PER IIE023-A71</b>	
2017.02	
<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> <span style="font-size: small;">Made in Japan</span> Yokogawa Electric Corporation <span style="float: right;">TOKYO 180-8750</span> <span style="float: right;">JAPAN</span>	

Explosion Protected Type  
(only when /KS27 is specified)

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