

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
FN110	Field Wireless Communication Module

further specified with model suffix and option codes:

Suffix code of 'Inter module communication': -G1
Further suffix codes are listed in General Specification: GS 01W03C01-01EN (Ed.2)

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

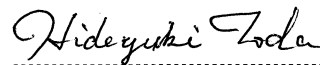
Information relevant to the conformity and identification of these Products is provided in Appendix 2 and Appendix 3.

Subject products are:

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

Signature:



Tokyo, 19 June, 2017




Hideyuki Toda
General Manager
New Field Develop Center
Wireless Development Dept.
IA Products and Service Headquarters
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
2014/53/EU (RE)	<p>HEALTH & SAFETY (Article 3, 1.(a)) EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use – Part 1: General requirements EN 62479:2010 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>EMC (Article 3, 1.(b)) EN 301 489-1 V2.1.1  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. EN 301 489-17 V3.1.1 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. EN 61326-1:2013 Class A Table 2 Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements EN 55011:2009+A1:2010 Class A Group1 Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement</p> <p>SPECTRUM (Article 3 2.) EN 300 328 2.1.1 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>
2011/65/EU (RoHS)	<p>EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.</p>
2014/34/EU (ATEX) ^{*1}	<p>EN 60079-0:2012+A11:2013 Explosive atmospheres -- Part 0: Equipment - General requirements EN 60079-11:2012 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;"> II 1 G Ex ia IIC T4 Ga</p> <p>The Name of the Notified Body: DNB Nemko Presafe AS. The Identification Number of the Notified Body: 2460 The Address of the Notified Body: P.O. Box 73, Blindern, 0314 Oslo, Norway The Number of the EC Type-Examination Certificate: Presafe 15 ATEX 6309X</p> <p>Quality Assurance Notification is issued by: The Name of the Notified Body: DEKRA Certification B.V. The Identification Number of the Notified Body: 0344 The Address of the Notified Body: Meander 1051 6825 MJ Arnhem, The Netherlands The Number of Quality Assurance Notification: DEKRA 11ATEXQ0127</p>

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

 Rev.1: Correction of a typographic error.

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.

Model No.	Model name	Description	Relevant EU Directives		
			RE	RoHS	ATEX ^{*1}
F9092ED	Remote antenna cable	3m with mounting bracket and metal waterproof cap	C	C	C ^{*2}
F9092EE		10m with mounting bracket and metal waterproof cap	C	C	C ^{*2}
F9092EF		20m with mounting bracket and metal waterproof cap	C	C	NS ^{*3}
F9092EG		3m with mounting bracket	C	C	C ^{*2}
F9092EH		10m with mounting bracket	C	C	C ^{*2}
F9092EJ		20m with mounting bracket	C	C	NS ^{*3}
IM 01W03C01-01EN	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 3

External View of FN110-G1



With FN110 attachment

Image of Nameplate
(Typical example; details may differ)

MODEL	FN110		
SUFFIX	-G1-L00A-AA/CP/PT01		
READ IM 01W03C01-01 LISEZ IM 01W03C01-01			
	FCC ID : SGJ-WFC011 IC : 8999A-WIC010		
			2017.02
S/N	91P327137	017	
EUI64	0000:64FF:FE9B:C16E		
SUPPLY	2.9-4.8 VDC 60mA		
TAG NO.	NE13A-1234		
YOKOGAWA		Made in Japan TOKYO 180-8750 JAPAN	
Yokogawa Electric Corporation			

MODEL	FN110		
SUFFIX	-G1-L00A-AA/CP/PT01		
WARNING /KS27 POTENTIAL ELECTROSTATIC CHARGING HAZARD READ IM 01W03C01-01			
	FCC ID : SGJ-WFC011 IC : 8999A-WIC010		
			2017.02
		II 1 G Ex ia IIC T4 Ga -40°C ≤ Ta ≤ +70°C Presafe 15ATEX6309X 0344 INSTALL AS PER IIE023-A71	
S/N	91P327137	017	
EUI64	0000:64FF:FE9B:C16E		
SUPPLY	2.9-4.8 VDC 60mA		
TAG NO.	NE13A-1234		
YOKOGAWA		Made in Japan TOKYO 180-8750 JAPAN	
Yokogawa Electric Corporation			

Explosion Protected Type
(only when /KS27 is specified)

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