

Doc No: AEN030-C08

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:

as listed in General Specification: GS 01W03B01-01EN (Ed.9)

(See Appendix 2 for additional information.)

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, Appendix 3 and Appendix 4.

Subject product is:

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

Signature:

(Manufacturer)

Tokyo, 18 January 2019

Hideywhi Toda

(Authorized Representative in the EEA)

Amersfoort,

5

Hideyuki Toda

General Manager Wireless Development Dept.

New Field Development Center

IA Products and Service Business HQ

Yokogawa Electric Corporation

Herman van den Berg

President

Yokogawa Europe B.V.

Euroweg 2, 3825 HD Amersfoort, P.O.Box 163, 3800 AD Amersfoort,

The Netherlands

YEF-HQ internal reference:

EU DoC: FN110

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
2014/53/EU (RED)	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) 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 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.
2011/65/EU (RoHS)	EN 50581:2012 Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances.

Standards		/Option		
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" The equipment or protective system includes the following specific marking of explosion protection: [Ex] II 1 G Ex ia IIC T4 Ga	bb = A1	KS27		
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 EU Type-Examination Certificate: Presafe 15 ATEX 6309X 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				
	Explosive atmospheres Part 0: Equipment - General requirements EN 60079-11:2012 Explosive atmospheres Part 11: Equipment protection by intrinsic safety "I" The equipment or protective system includes the following specific marking of explosion protection: Ex II 1 G Ex ia IIC T4 Ga 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, The Number of the EU Type-Examination Certificate: Presafe 15 ATE) 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, T	Explosive atmospheres Part 0: Equipment - General requirements EN 60079-11:2012 Explosive atmospheres Part 11: Equipment protection by intrinsic safety "I" The equipment or protective system includes the following specific marking of explosion protection: Ex II 1 G Ex ia IIC T4 Ga 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 EU Type-Examination Certificate: Presafe 15 ATEX 6309X Quality Assurance Notification is issued by: The Name of the Notified Body: DEKRA Certification B.V. The Identification Number of the Notified Body: 0344		

If the Product model code contains the code "Z", it means that the Product is produced with a customer specific modification. Any such Product – if 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.

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.

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*1
F9092ED	Remote antenna cable	3m with mounting bracket and metal waterproof cap	С	С	C *2
F9092EE		10m with mounting bracket and metal waterproof cap	С	С	C *2
F9092EF		20m with mounting bracket and metal waterproof cap	С	С	NS *3
F9092EG		3m with mounting bracket	С	С	C *2
F9092EH		10m with mounting bracket	С	С	C *2
F9092EJ		20m with mounting bracket	С	С	NS *3
IM 01W03B01- 01EN	User's Manual		R	R	R

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

^{*2:} Cables are outside of the scope of EN 60079-11and 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.

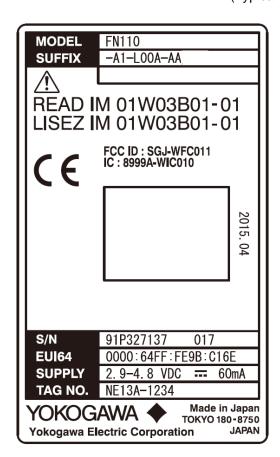
^{*3:} Electrical parameters of the cable exceed maximum permissible values certified by Presafe 15 ATEX 6309X.

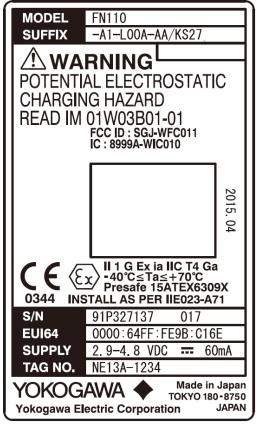
External View of FN110



With FN110 attachment

Image of Nameplate (Typical example; details may differ)





Explosion Protected Type (only when /KS27 is specified)

-/-