

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
YFGW710	Field Wireless Integrated Gateway

further specified with model suffix and option codes:

As listed in General Specification: GS 01W01F01-01EN (Ed.10)

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 **2010**.

Signature:

(Manufacturer)


Tokyo, 4 February, 2016



Hideyuki Toda
General Manager
New Field Develop Center
Wireless Development Dept.
IA Platform Business Headquarters
Yokogawa Electric Corporation

(Authorized Representative in the EEA)

Amersfoort, *8 February 2016*



Herman van den Berg
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YEF-HQ internal reference:
EU DoC: YFGW710

Appendix 1


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

Model – Suffix / Option code structure: **YFGW710 - b c d - e f g h i / x**
 (Distinctive combinations of suffix and option codes are indicated per table. Unless otherwise stated, it means that the all defined code is relevant.)

EU Directives	Standards
1999/5/EC (R&TTE) 2014/53/EU *2 (RE)	<p>HEALTH & SAFETY (Art.3 (1) (a)) EN 62311:2008 *1 Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0Hz – 300GHz)</p> <p>EN 61010-1:2010 Safety requirements for electrical equipment for measurement, control, and laboratory use, Part1: General requirements</p> <p>EMC (Art.3 (1) (b)) EN 301 489-1 V1.9.2 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment and services; Part 1: Common technical requirements.</p> <p>EN 301 489-17 V2.2.1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Electromagnetic Compatibility (EMC) standard for radio equipment; Part 17: Specific conditions for Broadband Data Transmission Systems.</p> <p>EN 55011:2009+A1:2010 Class A Group1 Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement</p> <p>EN 61000-6-2:2005 Electromagnetic compatibility – Generic standards – Immunity for industrial environments</p> <p>EN 61326-1:2013 Class A Table 2 Electrical equipment for measurement, control and laboratory use – EMC requirements – Part 1: General requirements</p> <p>SPECTRUM (Art.3 (2)) EN 300 328 V.1.8.1 *1 Electromagnetic compatibility and Radio spectrum Matters (ERM); Wideband transmission systems; Data transmission equipment operating in the 2.4 GHz ISM band and using wide band modulation techniques; Harmonized EN covering the essential requirements of article 3.2 of the R&TTE Directive.</p>

*1: These standards are applied to the radio modem only.

*2: Directive 2014/53/EU becomes applicable from 13 June, 2016. Directive 1999/5/EC is repealed with effect from 13 June, 2017.

EU Directives	Standards	/Option
94/9/EC 2014/34/EU *1 (ATEX)	<p>EN 60079-0: 2012 Explosive atmospheres -- Part 0: Equipment - General requirements</p> <p>EN 60079-11:2012 Explosive atmospheres -- Part 11: Equipment protection by intrinsic safety "i"</p> <p>EN 60079-15:2010 Explosive atmospheres -- Part 15: Equipment protection by type of protection "n"</p> <p>EN 60079-28:2007 Explosive atmospheres -- Part 28: Protection of equipment and transmission systems using optical radiation</p> <p>The equipment or protective system includes the following specific marking of explosion protection:</p> <p> II 3G Ex nA[ic] IIC T4 Gc (When Suffix code: c = 0) II 3G Ex nA[ic][op is] IIC T4 Gc (When Suffix code: c = 1)</p>	x = KN27

*1: Former Directive is repealed with effect from 20 April, 2016 and this Directive becomes applicable on that date.

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 01W01F01-01EN**.

Model No.	Model Name	Description	Relevant EU Directives	
			R&TTE	ATEX
F9193UA	Remote antenna cable with mounting bracket	1m Operational temperature range: -40 to + 75°C	C	C
F9193UB		3m Operational temperature range: -40 to + 75°C	C	C
F9193UC		4m (1m+3m) with arrestor Operational temperature range: -40 to + 75°C	C	C
F9193UD		6m (3m+3m) with arrestor Operational temperature range: -40 to + 75°C	C	C
F9193UE		13m (3m+10m) with arrestor Operational temperature range: -40 to + 75°C	C	C

Indications: 'C' = The accessory conforms to the Directive 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.

Appendix 3

External View of YFGW710



Image of Nameplate
(Typical example; details may differ)

Without /KN27:

Field Wireless Integrated Gateway				 Read/Listen IM 01W01F01-11 YOKOGAWA Yokogawa Electric Corporation TOKYO 180-8760 JAPAN Made in Japan
MODEL	YFGW710	STYLE	S1	
SUFFIX	-A12-S11NA			
SUPPLY	24	VDC	10W max.	
NO.	91MB31854		247	

With/KN27 (Case of the suffix code of 'Communication interface' is 0.):

Field Wireless Integrated Gateway				 Read/Listen IM 01W01F01-11 YOKOGAWA Yokogawa Electric Corporation TOKYO 180-8760 JAPAN Made in Japan
MODEL	YFGW710	STYLE	S1	
SUFFIX	-A02-S11NA/KN27			
SUPPLY	24	VDC	10W max.	
NO.	91MB31854		247	

KN27-0	II 3G	Ex nA (Ic) IIC T4 Gc Tamb. -40 to 60°C, ENCLOSURE: IP66 DO NOT OPEN WHEN AN EXPLOSIVE ATMOSPHERE MAY BE PRESENT. POTENTIAL ELECTROSTATIC CHARGING HAZARD - SEE INSTRUCTIONS.
WARNING		

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