YOKOGAWA ◆ Doc. No. AEN561-C01

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 product identified as:

Model code	Model name
YFGW520	**Field Wireless Access Point**

further specified with model suffix and option codes:

As listed in General Specification: GS 01W02E02-01 (Ed.1)
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 to Appendix 4.

Subject products are:
- Produced according to appropriate quality control procedure.
- Provided with the CE-marking as from **2018**.

Signature:

(Manufacturer)

Tokyo, 18 January 2018

Hideyuki Toda

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

(Authorized Representative in the EEA)

Amersfoort, 2 February 2018

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: **YFGW520**

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)	HEALTY & 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 exposure to electromagnetic fields (10 MHz to 300 GHz) **EN 60825-1:2007** *1 Safety of laser products – Part 1: Equipment classification and requirements
	EMC (Article 3 1 (b)) **EN 301 489-1 V2.1.1** Electromagnetic Compatibility (EMC) standard for radio equipment and service; Part 1: Common technical requirements; Harmonized Standard covering the essential requirement 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 service; Part 17: Specific conditions for Broadband Data Transmission Systems; Harmonized Standard covering the essential requirement of article 3.1 (b) of Directive 2014/53/EU. **EN 61326-1:2013** Electrical equipment for measurement, control and laboratory use − EMC requirements- Part 1: General requirements **EN 55011:2016+A1:2017 Class A Group1** Industrial, scientific and medical equipment – Radio-frequency disturbance characteristics – Limits and methods of measurement **EN 61000-6-2:2005** Electromagnetic compatibility – Generic standards – Immunity for industrial environments.
	Spectrum (Article 3 2) **EN 300 328 V2.1.1** Wideband transmission systems; Data transmission equipment operating in the 2,4 GHz ISM band and using wide band modulation techniques; Harmonized Standard covering the essential requirement 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

***1**: *This standard is only applied to the product whose suffix of Communication interface is 6.*

EU Directives	Standards	/Option
2014/34/EU (ATEX)	**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”. **EN 60079-15:2010** Explosive atmospheres – Part 15: Equipment protection by type of protection “n”.	KN27
	The equipment or protective system include the following specific marking of explosion protection  II 3 G Ex nA [ic] IIC T4 Gc X	
	EN 60079-0:2012+A11: 2013 Explosive atmospheres – Part 0: Equipment – General Requirements **EN 60079-1:2014** Explosive atmospheres – Part 1: Equipment protection by flameproof enclosure “d”. **EN 60079-11:2012** Explosive atmospheres – Part 11: Equipment protection by intrinsic safety “i”.	KF27
	The equipment or protective system include the following specific marking of explosion protection  II 2 G Ex db [ib] IIC T4 Gb	
	The Number of the EC Type-Examination Certificate: **DEKRA 15ATEX0042 X** EC Type Examination Certificate and 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**	

Appendix 2

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 dedicated document, of which original is a part of 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, as indicated per EU-Directive; their application and use – as described in ***IM 01W02E02-11*** – is supported by this EU Declaration of Conformity. The full list of accessories for this product can be found in ***IM 01W02E02-11***.

Model/Parts No.	Model Name	Relevant EU Directives		
		RE	RoHS	ATEX
F9915KU	3 m Remote antenna cable with mounting bracket.	C	C	C
F9915KV	13 m (3 m+ 10 m) Remote antenna cable with surge protective device and mounting bracket.	C	C	C
F9915KW	2 dBi Standard Antenna (2.4 GHz)	C	C	C
F9915KY	6 dBi High gain Antenna (2.4 GHz)	C	C	C
F9195VG	9 dBi High gain Antenna (2.4 GHz)	C	C	C
IM 01W02E02-11	User's Manual	R	R	R

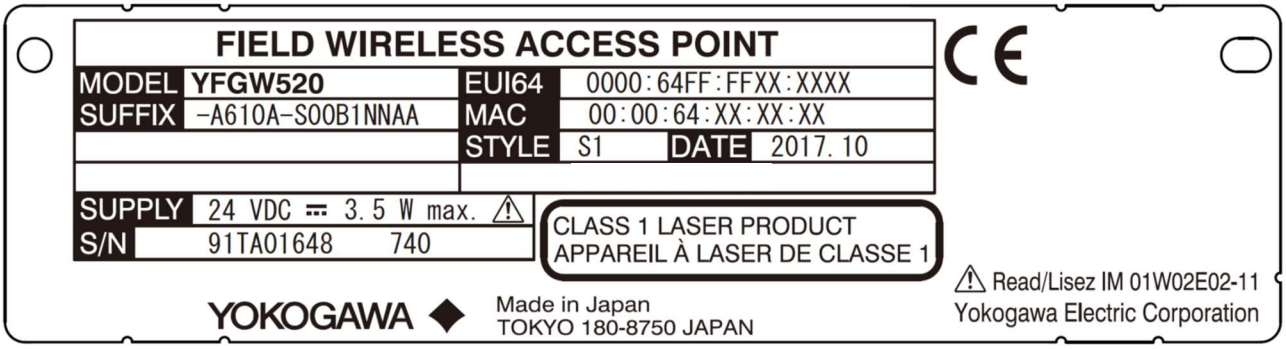
Indications: *'C' = The accessory conforms to the Directive as a part of the product.*
'R' = The accessory is relevant to the conformity of the product as a part of the product.
'NS' = The accessory does not support the Directive.
'NR' = The accessory is not relevant to the conformity of the product.

Appendix 4

External View of YFGW520

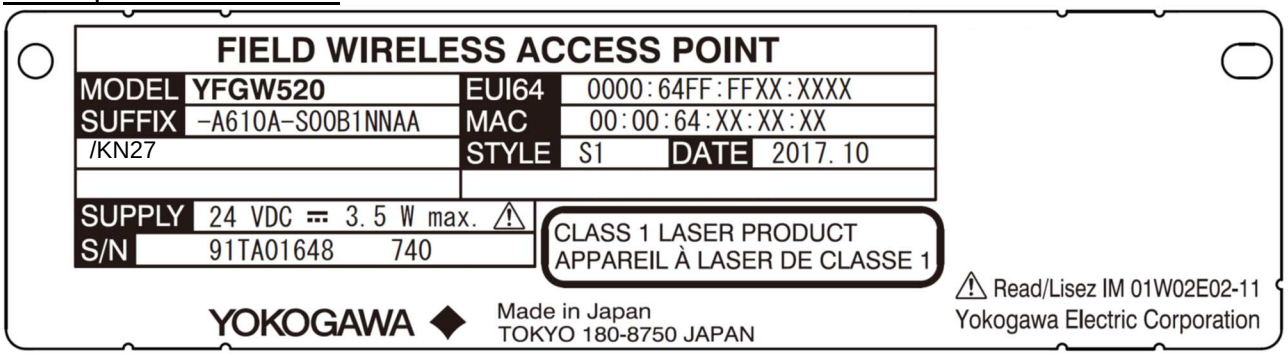
Image of Nameplate
(Typical example; details may differ)

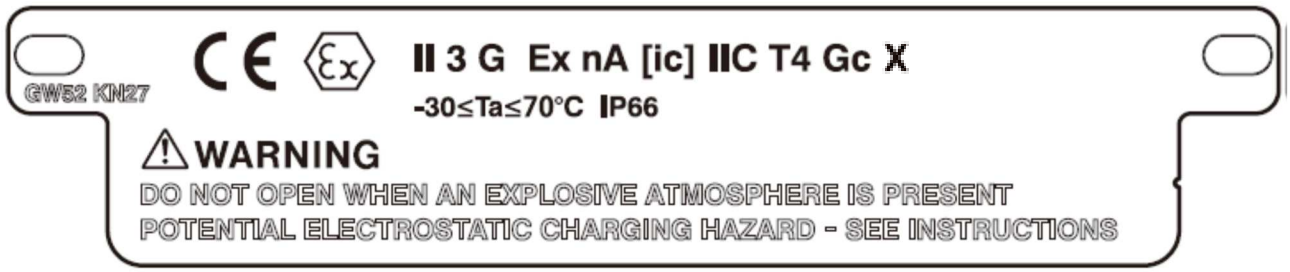
Non Explosion protection type (Suffix of Communication interface is 6)



Explosion protection type (Suffix of Communication interface is 6)

With option code: KN27





With option code: KF27

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