

Please use this manual change for the IM 01W01F01-01EN (7th).

■ **Contents of Changes**

Following items are changed.

The changed part is described in the following pages. Strikethrough or underline is added to the changed part.

● **Cautions for Safety Applying the Device (Page iii)**

Change title to "Regulatory Compliance for Radio and Telecommunication".

Move "EMC", "Safety" and "Spectrum" to under the "R&TTE" paragraph.

● **Regulatory Compliance (Page A3-24)**

Change description about Japanese Radio Law .

● **Regulatory Compliance (Page A3-25)**

Add Conformity standards in R&TTE.

● **ATEX declaration (Page A3-29)**

Revise description about Applicable standard of ATEX type n.

● **Optional Specifications (For Explosion Protected Types) (Page A3-37)**

Revise description about applicable standard of ATEX type n declaration.

■ ~~Cautions for Safely Applying the Device: (Page iii)~~

● ~~EMC Conformity Standards~~

~~EN61326-1 Class A, Table 2 (For use in industrial locations), EN61000-6-2~~



CAUTION

This instrument is a Class A product, and it is designed for use in the industrial environment. Please use this instrument in the industrial environment only.

● ~~Low Voltage Directive~~

~~Applicable standard: EN61010-1~~

~~(1) Pollution Degree 2~~

~~“Pollution degree” describes the degree to which a solid, liquid, or gas which deteriorates dielectric strength or surface resistivity is adhering. “2” applies to normal indoor atmosphere. Normally, only non-conductive pollution occurs. Occasionally, however, temporary conductivity caused by condensation must be expected.~~

~~(2) Installation Category I~~

~~“Overvoltage category (Installation category)” describes a number which defines a transient overvoltage condition. It implies the regulation for impulse withstand voltage.~~

~~“I” applies to electrical equipment which is supplied from the circuit when appropriate transient overvoltage control means (interface) are provided.~~

● ~~Regulatory Compliance for Radio and Telecommunication~~

~~Please confirm that a installation region fulfills a standards, require additional regulatory information and approvals, contact to Yokogawa Electric Corporation.~~

~~● Radio and Telecommunications~~

~~— Terminal Equipment Directive (R&TTE) C E~~

~~We, Yokogawa Electric Corporation hereby declare that this equipment, YFGW710 is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.~~

~~The CE declaration of conformity for R&TTE for this product can be found at <http://www.yokogawa.com/fld/>~~

■ Regulatory Compliance for Radio and Telecommunication

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■ Radio and Telecommunications Terminal Equipment Directive (R&TTE) C E

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- **EMC Conformity Standards**

EN 301 489-1, EN 301 489-17, EN 61326-1 Class A, Table 2 (For use in industrial locations), EN 55011 Class A, Group 1, EN 61000-6-2



CAUTION

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- **Safety Conformity Standards**

Applicable standard: EN 61010-1, EN 62311

- (1) Pollution Degree 2**

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- **Spectrum Conformity Standard**

EN 300 328

A3.6.1 Standard Specification

■ Regulatory Compliance (Page A3-24)

● Radio standard (Wireless Module Conformity Standard)

Technical Standard Conformity Certificate:

Wireless equipment specified in No.19, Clause 1, Article 2 of the Certification Rule; 2.4 GHz Sophisticated Low Power Data Communication System

Japanese Radio Law:

Specified Radio Equipment specified in Article 2 paragraph 1 item (19) of Certification Rule; Low power data communication system in the 2.4 GHz band



IMPORTANT

Specific wireless equipment (Approval No.: 007WWCUL0480) with the technical standard conformity certificate based on the Radio Act is used in this product.

Specified radio equipment (Certification No.: 007WWCUL0480) with the construction type certification based on the Japanese Radio Law is used in this product.

■ Regulatory Compliance (Page A3-25)

R&TTE: **CE**

ETSI EN 300 328, ETSI EN 301 489-17, EN61010-1, EN62311

Radio: EN 300 328,

EMC: EN 301 489-1, EN 301 489-17, EN 61326-1 Class A, Table2, EN 55011 Class A Group1, EN 61000-6-2

Safety: EN 61010-1, EN 62311

FCC:

Part15.247 Contains FCC ID: SGJ-WFC001

IC:

RSS-210 Contains IC: 8999A-WIC001

■ ATEX Declaration (Page A3-29)

(1) Technical Data

Caution for ATEX Type n.

Note 1. Model YFGW710 Field Wireless Integrated Gateway with optional code /KN27 is applicable for use in hazardous area.

- Applicable standard: EN60079-0: 2009, EN60079-0: 2012, EN60079-11: 2012, EN60079-15: 2010, EN60079-28: 2007

- Marking: Ex II 3G Ex nA [ic] [op is] IIC T4 Gc (with 100BASE-FX)
 Ex II 3G Ex nA [ic] IIC T4 Gc (without 100BASE-FX)

- Ambient temperature: -40 to +60°C

A3.6.3 Optional Specification

■ Optional Specifications(For Explosion Protected Types) (Page A3-37)

Item	Description	Code
Factory Mutual (FM)	FM nonincendive approval Applicable standard: FM3600, FM3611, FM3810, ANSI/NEMA250 Nonincendive for Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; Class III, Division 1 hazardous (Classified) locations. Enclosure: NEMA 4X Temp. Class: T4, Amb. Temp.: -40 to 60°C (-40 to 140°F)	FN17
ATEX	ATEX Type n declaration Applicable standard: EN60079-0:2009 , EN60079-0: 2012, EN60079-11: 2012, EN60079-15: 2010, EN60079-28: 2007 II 3G Ex nA [ic] [op is] IIC T4 Gc (with 100BASE-FX) II 3G Ex nA [ic] IIC T4 Gc (without 100BASE-FX) Enclosure: IP66 Amb. Temp.: -40 to 60°C (-40 to 140°F)	KN27
Canadian Standards Association (CSA)	CSA nonincendive approval Certificate: 2342292 [For CSA C22.2] Applicable standard: C22.2 No.0, C22.2 No.0.4, C22.2 No.25, C22.2 No.94, C22.2 No.213, C22.2 No.61010-1-04 Nonincendive for Class I, Division 2, Groups A, B, C and D; Class II, Division 2, Groups F and G; Class III, Division 1 Enclosure: Type 4X [For CSA E60079] Applicable standard: CAN/CSA E60079-0, CAN/CSA E60079-15, IEC60529 Ex nA nL IIC T4 Enclosure: IP66 Amb. Temp.: -40 to 60°C (-40 to 140°F)	CN17
IECEX Scheme	IECEX Type n approval Certificate: IECEX DEK 13.0047 Applicable standard: IEC60079-0:2011, IEC60079-15:2010, IEC 60079-11:2011 Ex nA [ic] IIC T4 Gc Enclosure: IP66 Amb. Temp.: -40 to 60°C (-40 to 140°F)	SN27