

EC Declaration of Conformity

We hereby declare that the following product is in conformity with the requirements of the following EC Directive:

followi	ng EC Dire				
	Product:	Communication Unit			
	Type:	F39-GWU			
	Title and N	No. of Directive: EMC Directive 2004/108/EC			
These p	products are	designed and manufactured in accordance with the following standards.			
	EMC Direct	ctive:			
	EMI (Electromagnetic Interference):				
	EN 60947-5-2:2007				
	EMS (Electromagnetic Susceptibility):				
	X	EN 60947-5-2:2007			
Manufa	acturer:				
	Name:	OMRON Corporation, Industrial Automation Company,			
		Safety Division			
	Address:	Shiokoji-horikawa, Shimogyo-ku, Kyoto, 600-8530, JAPAN			
		m , 15) () ()			
	Date:	Oct 12 2012			
	Signed:	Multig			
		Jim Ashford Business Development Dept. Manager			
Repres	entative in l	EU:			
	Name:	OMRON Europe B.V.			
	Address:	Zilverenberg 2, 5234 GM, 's-Hertogenbosch, THE NETHERLANDS			
	Date:	23/10/12			
	Signed:	Adag			
		J.J.P.W. Yogelaar European Quality&Environment Operations Manager			
		4			

Types List for EC Directive

Model	
F39-GWU	

Type name may be followed by additional letter(s) and /or number(s) for sale purposes.

Revision History

Rev.	Date	Revised Contents
А	2005/11/21	Original Version
в	2009/7/1	EMC Directive No. updated. Signers' names updated.
С	2012/10/3	Document form updated. Standard No. for EMC Directive updated. Signers' names updated. Types list added. Nomenclature deleted.

DECLARATION OF CONFORMITY according to EN45014

We <u>OMRON</u> Corporation, Industrial Automation Company, Safety <u>Devices Division</u> Shiokoji-horikawa, Shimogyo-ku, Kyoto 600-8530 JAPAN

declare under our sole responsibility that the product:

Communication Unit Type: F39-GWU

to which this declaration relates is in conformity with the following standards:

Electrical Safety	EN 60947-5-2:2007				
Electromagnetic Compatibility					
EMS (Electromagnetic Susceptibility)					
Electrostatic Discharge	EN 60947-5-2:2007 / EN 61000-4-2:1995 +A1:1998 +A2:2001				
Electromagnetic Field	EN 60947-5-2:2007 / EN 61000-4-3:2006				
Fast Transient / Burst	EN 60947-5-2:2007 / EN 61000-4-4:2004				
Conducted radio-frequency immunity					
	EN 60947-5-2:2007 / EN 61000-4-6:1996 +A1:2001 +A2:2006				
EMI (Electromagnetic Interference)					
Radiated	EN 60947-5-2:2007 / CISPR11:2003				

Note:

This product is not a safety component for ensuring safety of persons which is defined in EC Directive 2006/42/EC and covered by separate European standards.

Kyoto, Japan Date: Oct. 12. 2012

Business Development Dept. Manager

No. MSDD001C Pages: 1 of 4



Place of Manufacture

Omron Corporation Ayabe Factory 3-2 Narutani, Nakayama-cho, Ayabe-shi, Kyoto 623-0105, Japan

Technical data

Intended Environment : Industrial

- 1 Type Designation:
- 2 Applicable sensor:
- 3 Rated operation voltage(s) (Ue):
- 4 Rated operational current (le):
- 5 Insulation Resistance:
- 6 Ambient air temperature:
- 7 Pollution degree:
- 8 Dielectric withstand voltage:
- 9 Electromagnetic compatibility (EMC):
- a) Electromagnetic field immunity:
- b) Electrostatic discharge immunity:
- c) Fast transient immunity:
- d) Conducted radio-frequency immunity:
- e) Radiated Emission:

F39-GWU

<mark>F3SJ,</mark> F3SN, F3SH, F3WN, F3ZN series 24 V DC +/- 20%

Sensor side 45 mA max. USB side 75 mA max. 20 Mega ohm min. (at 500VDC) -10 to 55 deg C 2 1000VAC 50/60Hz 1min.

10 V/m

8 kV (Air), 4 kV (Contact) 2 kV (Clamp) 10V (EM clamp) Class A, Group 1



Nomenclature

Type F39-GWU

F39-GWU Ĩ

I The peripheral device of the light curtain series and the area sensor series.

II Communication Unit

Type name may be followed by additional letter(s) and /or number(s) for sale purposes.



Revis	ion History	
Rev.	Date	Revised Contents
Α	21 Nov 2005	Original version
В	24 Dec 2008	
с	3 Oct 2012	 Edition of standards updated. EC Machinery Directive No. updated. Signer's name of manufacture updated.
		- Revision History added.
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