

DECLARATION OF CONFORMITY
according to EN45014

We OMRON Corporation, Industrial Automation Company, Safety
Devices Division
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



Jim Ashford
Business Development Dept. Manager

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:	F39-GWU
2	Applicable sensor:	F3SJ, F3SN, F3SH, F3WN, F3ZN series
3	Rated operation voltage(s) (Ue):	24 V DC +/- 20%
4	Rated operational current (Ie):	Sensor side 45 mA max. USB side 75 mA max.
5	Insulation Resistance:	20 Mega ohm min. (at 500VDC)
6	Ambient air temperature:	-10 to 55 deg C
7	Pollution degree:	2
8	Dielectric withstand voltage:	1000VAC 50/60Hz 1min.
9	Electromagnetic compatibility (EMC):	
a)	Electromagnetic field immunity:	10 V/m
b)	Electrostatic discharge immunity:	8 kV (Air), 4 kV (Contact)
c)	Fast transient immunity:	2 kV (Clamp)
d)	Conducted radio-frequency immunity:	10V (EM clamp)
e)	Radiated Emission:	Class A, Group 1

Nomenclature

Type F39-GWU

F39-GWU

I II

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.

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