

## Declaration of Conformity



We here with declare, 181, Samsung-Ri, Mokcheon-Myeon,  
Cheonan-Shi, Choongcheongnam Do, R.O.K  
Automation equipment plant  
LG Industrial Systems Co., Ltd.

that the following equipment complies with the appropriate basic safety  
and health requirements of the EC Directive based on its design and type,  
as brought into circulation by us.

In case of alteration of the equipment, not agreed upon by us, this  
declaration will lost its validity.

Products Description : Programmable Logic Controller

Products Type : GLOFA-GM4 (MASTER-K300S) Series

Applicable EC Directive : EC Low Voltage Directive (73/23/EEC)  
EC Directive of Electromagnetic  
Compatibility (89/336/EEC)

Authorized Signature : C. H. Kim

Date : 17. JAN. 2001

Chung-Ho Kim  
Vice President  
Chonan Plant  
LG Industrial system Co., Ltd.



**LG Industrial Systems Co., Ltd.**

## 1. Applicable harmonized standards : listed in Table 1

Table 1

Standard	Clause	Requirement
EN61131-2	2	Service conditions and physical environments related requirements
	3	Electrical requirements
	4	Mechanical requirements
	5	Information to be provided by the manufacturer
	6	Test and verifications
EN50081-2		Electromagnetic compatibility generic emission standard
EN50082-2		Electromagnetic compatibility generic immunity standard
EN55011		Limits and methods of measurement of radio interference characteristics of information technology equipment
IEC801		Electromagnetic compatibility for industrial process measurement and control equipment
IEC801-2 (EN61000-4-2)		Electrostatic discharge requirements
IEC-801-3 (EN61000-4-3)		Radiated electromagnetic field requirements
IEC801-4 (EN61000-4-4)		Electrical fast transient burst requirements
IEC801-5		Surge immunity requirements
IEC801-6		Conducted immunity requirements
IEC255-4 (EN61000-4-10)		Damped oscillatory magnetic field immunity test

# Appendix



## 2. List of modules : listed in Table 2

No.	MODEL		Description	Highest associated voltage
	GM4 (K300S)			
1	GM4-CPUA	K4P-15AS	* CPU	5VDC(SELV)
2	G4M-M032		* Memory Modu	5VDC(SELV)
3	GM4-PA2A		* Power supply Modules(AC200-240V Input)	220VAC
4	GM4-PA2B		* Power supply Modules(AC200-240V Input)	220VAC
5	G4I-D22A		* 24VDC Input Modules 16 points	24VDC(SELV)
6	G4I-D22B		* 24VDC Input Modules 16 points	24VDC(SELV)
7	G4I-D24A		* 24VDC Input Modules 32 points	24VDC(SELV)
8	G4I-D24B		* 24VDC Input Modules 32 points	24VDC(SELV)
9	G4I-D28A		* 24VDC Input Modules 64 points	24VDC(SELV)
10	G4I-A12A		* 110VAC Input Modules 8 points	110VAC
11	G4I-A22A		* 220VAC Input Modules 8 points	220VAC
12	G4Q-RY2A		* Relay output Modules 16 points	220VAC
13	G4Q-TR2A		* Transistor output Modules 16 points	24VDC(SELV)
14	G4Q-TR2B		* Transistor output Modules 16 points	24VDC(SELV)
15	G4Q-TR4A		* Transistor output Modules 32 points	24VDC(SELV)
16	G4Q-TR4B		* Transistor output Modules 32 points	24VDC(SELV)
17	G4Q-TR8A		* Transistor output Modules 64 points	24VDC(SELV)
18	G4Q-SS2A		* Triac output Modules 8 points	220VAC
19	G4Q-SS2B		* Triac output Modules 8 points	220VAC
20	G4H-DR2A		* 24VDC Input(8),Relay output(8)Modules	220VAC
21	G4H-DT2A		* 24VDC Input(8), TR.output(8)Modules	24VDC(SELV)
22	G4F-INTA		* Interrupt Input Modules 16 points	24VDC(SELV)
23	G4F-AD2A		* A/D Conversion Modules	15VDC(SELV)
24	G4F-AD3A		* A/D Conversion Modules	15VDC(SELV)
25	G4F-DA1A		* D/A Conversion(Current/Voltage type)	15VDC(SELV)
26	G4F-DA3V		* D/A Conversion(Voltage type) Modules	15VDC(SELV)
27	G4F-DA2V		* D/A Conversion(Voltage type) Modules	15VDC(SELV)
28	G4F-DA3I		* D/A Conversion(Current type) Modules	15VDC(SELV)
29	G4F-DA2I		* DA	15VDC(SELV)
30	G4F-POPA		* Position Controller Module	24VDC(SELV)
31	G4F-POPB		* Position Controller Module	24VDC(SELV)
32	G4F-POPC		* Position Controller Module	24VDC(SELV)
33	G4F-HSCA		* High speed counter Modules	24VDC(SELV)
34	G4F-TC2A		* D/A Conversion Modules	15VDC(SELV)
35	G4F-RD2A		* Thermocouple input Modules	15VDC(SELV)
36	G4F-AT3A		* Analog timer Modules	5VDC(SELV)
37	G4F-PIDA		* PID Controller Module	5VDC(SELV)
38	G4L-FUEA		* GLOFA F-Net Modules	15VDC(SELV)
39	G4L-RBEA		* GLOFA F-Net Modules	15VDC(SELV)
40	G4L-CUEA		* RS-232C Interface Modules	15VDC(SELV)
41	GM4-B04M		* Main base 4 slot	5VDC(SELV)
42	GM4-B06M		* Main base 6 slot	5VDC(SELV)
43	GM4-B08M		* Main base 8 slot	5VDC(SELV)
44	GM4-B12M		* Main base 12 slot	5VDC(SELV)
45	GM4-B04E		* Extension base 4 slot	5VDC(SELV)
46	GM4-B06E		* Extension base 6 slot	5VDC(SELV)
47	GM4-B08E		* Extension base 6 slot	5VDC(SELV)
48	G4C-E041		* Extension Cables 400mm	5VDC(SELV)
49	G4C-E041		* Extension Cables 1200mm	5VDC(SELV)
50	G4C-E041		* Extension Cables 3000mm	5VDC(SELV)

