

DECLARATION of CONFORMITY DÉCLARATION DE CONFORMITÉ

Manufacturer / <i>Fabriquant:</i>	SEIKO EPSON CORPORATION	www.epson.com	
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		Fax / <i>Fax:</i>	81-266-52-8409

Representative / <i>Représentant:</i>	EPSON EUROPE B.V.	www.epson.eu	
Address / <i>Adresse:</i>	Atlas Arena, Asia Building, Hoogoorddreef 5, 1101 BA Amsterdam Zuidoost The Netherlands	Telephone / <i>Téléphone:</i>	31-20-314-5000

Declares under our sole responsibility that the product:

La présente déclaration est établie sous la seule responsabilité du producteur:

Brand Name /*Nom de la marque:* EPSON
 Product Name /*Nom du produit:* Robot Controller
 Model /*Model:* R114x(x=A or B)(RC700-E) (Serial number R7E***0001 - R7E***9999)
 <Note> * : 0 - 9, A - Z

For more details, please refer to the product description

Pour plus de détails, merci de vous référer à la description du produit

Options /*Options:*

See Technical Data File

Conforms to the following Directive(s) and Norm(s) /*Conforme selon les Directives et Normes suivantes:*

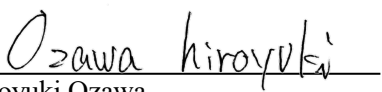
Electromagnetic Compatibility (EMC) 2014/30/EU
 EN 55011 2016/A1:2017/A11:2020 Group1 Class A
 EN 61000-6-2 2005
 EN 61000-6-4 2007/A1:2011
 EN 61000-6-7 2015

Restriction of the use of certain hazardous substances (RoHS)2011/65/EU (except options)
 EN IEC 63000

Supplementary Information /*Information supplémentaire*

The year in which the CE marking was affixed, is 2023
 1st Nov. 2023
 Nagano-ken, Japan

L'année où le marquage CE a été apposé, est 2023


 Hiroyuki Ozawa
 MS CS Quality Assurance Department
 General Manager
 SEIKO EPSON CORPORATION

Declared based on "Technical Data File, 1st Nov. 2023 "

Déclaration basée sur le "Technical Data File, 1st Nov. 2023 "

DECLARATION OF INCORPORATION OF PARTLY COMPLETED MACHINERY

DÉCLARATION D'INCORPORATION POUR LES QUASI-MACHINES

According to the Machinery Directive 2006/42/EC, Annex II, Part 1, sector B for a partly completed machinery.
En accord avec la directive machine 2006/42/CE, Annexe II, Partie 1, Secteur B pour une quasi-machine.

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Address /Adresse:	Atlas Arena, Asia Building, Hoogoorddreef 5, 1101 BA Amsterdam Zuidoost The Netherlands	Telephone /Téléphone:	31-20-314-5000

Declares under our sole responsibility that the product:
Déclare sous notre seule responsabilité que le produit :

Brand Name /Nom de la marque:	EPSON		
Product Name /Nom du produit:	Industrial Robot/ Robot Controller		
Model /Modèle:	GX4-B, GX8-B, GX10-B, GX20-B R114x(x=A or B)(RC700-E)	(Serial number G****0001 - G****9999)	(Serial number R7E***0001 - R7E***9999)

<Note> * : 0 - 9, A - Z
For more details, please refer to the product description
Pour plus de détails, merci de vous référer à la description du produit

Options /Options:
See Technical Data File

fulfil(s) the basic requirements of the Machinery Directive 2006/42/EC as listed in the attachment to this declaration of incorporation.
rempli les conditions de base de la directive machine 2006/42/CE comme décrit dans le document joint de déclaration d'incorporation.
The manufacturer undertakes to electronically supply the relevant technical documentation, referred to in Annex VII part B for the partly completed machinery, to national authorities upon reasoned request.
La fabricant s'engage à fournir électroniquement la documentation technique pertinente aux autorités Nationales sur demande motivée, selon l'annexe VII Partie B pour les Quasi-machines.

This partly completed machine must not be put into service until the machinery into which it is to be incorporated, has been declared in conformity with the provisions of the Machinery Directive.
La quasi-machine ne doit pas être mise en service tant que l'équipement d'incorporation n'aura pas été déclarée conforme aux dispositions de la directive machine.

Furthermore this partly completed machinery fulfils all relevant provisions of the directive:
En outre, cette quasi-machine remplit toutes les dispositions pertinentes de cette directive:


- Electromagnetic Compatibility (EMC) 2014/30/EU
- Restriction of the use of certain hazardous substances (RoHS)2011/65/EU (except options)

Following harmonized norms and specifications are applied:
L'harmonisation des normes et des spécifications suivantes sont appliquées :

Safety:	EMC:
EN ISO 10218-1 2011	EN 55011 2016/A1:2017/A11:2020 Group1 Class A
EN ISO 12100 2010	EN 61000-6-2 2005
EN 60204-1 2018	EN 61000-6-4 2007/A1:2011
EN ISO 13850 2015	EN 61000-6-7 2015
EN 61800-5-1 2007/A1:2017	
EN 61800-5-2 2017	RoHS:
EN ISO 13849-1 2015	EN IEC 63000 2018
IEC 62061 2021	

Supplementary Information /Information supplémentaire

The year in which the CE marking was affixed, is 2023 L'année où le marquage CE a été apposé, est 2023
1st Nov. 2023
Nagano-ken, Japan


Hiroyuki Ozawa
MS CS Quality Assurance Department
General Manager
SEIKO EPSON CORPORATION

Declared based on "Technical Data File, 1st Nov. 2023 " Déclaration basée sur le "Technical Data File, 1st Nov. 2023 "





Annex to declaration of incorporation of partly completed machinery

for following product(s):

Product Name: Model:
 Industrial Robot GX4-B,GX8-B,GX10-B,GX20-B (Serial number G*****0001 - G*****9999)
 / Robot Controller R114x(x=A or B)(RC700-E) (Serial number R7E***0001 - R7E***9999)
 <Note> * : 0 - 9, A - Z

The following basic requirements of the **Machinery Directive 2006/42/EC** are applied and will be adhered. Appropriate items to be marked "X".

The Machinery Directive 2006/42/EC, Annex I The Supply of Machinery (Safety) Regulations 2008, Schedule 2, Part 1 - Essential health and safety requirements relating to the design and construction of machinery	Applicable and adhered C :Conform NC:Not conform NA:Not applicable
1. Essential health and safety requirements	-
1.1. General	-
1.1.1. Definitions	-
1.1.2. Principles of safety integration	C
1.1.3. Materials and products used	C
1.1.4. Integral lighting	NA
1.1.5. Handling of machinery and parts of machinery	C
1.1.6. Ergonomic principles	C
1.1.7. Operating positions in hazardous environments	NA
1.1.8. Seating and the provision of seats	NA
1.2. Control systems	-
1.2.1. Safety and reliability of control systems	C
1.2.2. Control devices	C
1.2.3. Control of starting	C
1.2.4. Stop control devices	-
1.2.4.1. Normal stop control devices	C
1.2.4.2. Operational stop	C
1.2.4.3. Emergency stop devices	C
1.2.4.4. Stop controls for assemblies of machinery	C
1.2.5. Mode Selection	C
1.2.6. Failure of the power supply	C
1.3. Protection against mechanical hazards	-
1.3.1. Stability	C
1.3.2. Break-up during operation	C
1.3.3. Falling or ejected objects	C
1.3.4. Sharp edges and angles and rough surfaces	C
1.3.5. Combined machinery	NA
1.3.6. Variations in operating conditions	NA
1.3.7. Moving parts	C
1.3.8. Moving parts	NA
1.3.8.1. Moving transmission parts	NA
1.3.8.2. Moving parts involved in the process	NA

The Machinery Directive 2006/42/EC, Annex I The Supply of Machinery (Safety) Regulations 2008, Schedule 2, Part 1 - Essential health and safety requirements relating to the design and construction of machinery	Applicable and adhered C :Conform NC:Not conform NA:Not applicable
1.3.9. Uncontrolled movements	C
1.4. Required characteristics of guards and protective devices	-
1.4.1. General requirements for guards and protective devices	NA
1.4.2. Special requirements for guards	-
1.4.2.1. Fixed guards	NA
1.4.2.2. Interlocking movable guards	NA
1.4.2.3. Adjustable guards restricting access	NA
1.4.3. Protective devices	NA
1.5. Risks due to other hazards	-
1.5.1. Electricity	C
1.5.2. Unwanted static electricity	C
1.5.3. Energy supply other than electricity	NA
1.5.4. Errors of fitting	C
1.5.5. Extreme temperatures	NA
1.5.6. Fire	C
1.5.7. Explosion	NA
1.5.8. Reduction of noise emission	C
1.5.9. Vibrations	C
1.5.10. Ionising and non-ionising radiation	C
1.5.11. External radiation	C
1.5.12. Laser radiation	NA
1.5.13. Emissions of hazardous materials and substances	NA
1.5.14. Risk of being trapped	NA
1.5.15. Slips, trips and falls	NA
1.5.16. Lightning	C
1.6. Maintenance	-
1.6.1. Maintenance	C
1.6.2. Access to operating positions and servicing points	C
1.6.3. Isolation of energy sources	C
1.6.4. Operator interventions	C
1.6.5. Cleaning of internal parts	NA
1.7. Information	-
1.7.1. Information and warnings / language	C
1.7.1.1. Information and information devices	C
1.7.1.2. Warning devices	NA
1.7.2. Warning of residual risks	C
1.7.3. Marking of machinery	C
1.7.4. Instructions	C
1.7.4.1. General guideline for instructions	C
1.7.4.2. Instruction's content	C

The Machinery Directive 2006/42/EC, Annex I The Supply of Machinery (Safety) Regulations 2008, Schedule 2, Part 1 - Essential health and safety requirements relating to the design and construction of machinery	Applicable and adhered C :Conform NC:Not conform NA:Not applicable
1.7.4.3. Sales literature	C
2. Supplementary essential health and safety requirements for certain categories of machinery	NA
3. Supplementary essential health and safety requirements to offset hazards due to the mobility of machinery	NA
4. Supplementary essential health and safety requirements to offset hazards due to lifting operations	NA
5. Supplementary essential health and safety requirements for machinery intended for underground work	NA
6. Supplementary essential health and safety requirements for machinery presenting particular hazards due to the lifting of persons	NA

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Annex to manipulator type

GX 4 - B 25 1 S □ □ □
a b c d e f g h

a	: Series name	GX	
b	: Payload	4	: 4kg
c	: Arm length	25	: 250mm
		30	: 300mm
		35	: 350mm
		1	: 150mm(120mm)
d	: Axis#3 stroke	1	: 150mm(120mm) * () Is Clean, with bellows option
e	: Environment	S	: Standard (equivalent to IP20)
		E	: Standard(IP20)+ESD
		C	: Clean+ESD
f	: Mounting	None	: Table top mounting
		M	: Multiple mounting
g	: Cable mounting direction	None	: Standard(Table top mounting -back out, multi-top out)
		B	: Table top mounting -bottom out
h	: Arm type	None	: Straight
		-L	: Left carving
		-R	: Right carving

GX 8 - B 45 2 S □ □
a b c d e f g

a	: Series name	GX	
b	: Payload	8	: 8kg
c	: Arm length	45	: 450mm
		55	: 550mm
		65	: 650mm
		2	: 200mm(170mm)
d	: Axis#3 stroke	3	: 330mm(300mm)
			* () Is Clean,IP, with bellows option
e	: Environment	S	: Standard (equivalent to IP20)
		E	: Standard(IP20)+ESD
		C	: Clean+ESD
f	: Mounting	P	: Protected(IP65)
		None	: Table top mounting
		W	: Wall mounting
g	: Cable mounting direction	R	: Ceiling mounting
		None	: Standard(Table top mounting -back out, Ceiling mounting - back out, multi-top out)
		B	: Table top mounting -bottom out

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GX 10 - B 65 1 S □
 a b c d e f

- a : Series name GX
- b : Payload 10 : 10kg
- c : Arm length 65 : 650mm
85 : 850mm
- d : Axis#3 stroke 1 : 180mm(150mm)
4 : 420mm(390mm)
* () Is Clean,IP, with bellows option
- e : Environment S : Standard (equivalent to IP20)
C : Clean+ESD
P : Protected(IP65)
- f : Mounting None : Table top mounting
W : Wall mounting
R : Ceiling mounting

GX 20 - B 85 1 S □
 a b c d e f

- a : Series name GX
- b : Payload 20 : 20kg
- c : Arm length 85 : 850mm
A0 : 1000mm
- d : Axis#3 stroke 1 : 180mm(150mm)
4 : 420mm(390mm)
* () Is Clean,IP, with bellows option
- e : Environment S : Standard (equivalent to IP20)
C : Clean+ESD
P : Protected(IP65)
- f : Mounting None : Table top mounting
W : Wall mounting
R : Ceiling mounting

Annex to controller type

R 1 1 4 A
 a

- a : Controller Type A : RC700-E FOR GX4 series
B : RC700-E FOR GX8 series, GX10 series, GX20 series

Annex to hardware options

<p>For industrial robot:</p> <ul style="list-style-type: none"><input type="checkbox"/> External Wiring Unit<input type="checkbox"/> Tool Adapter<input type="checkbox"/> M/C Cable<input type="checkbox"/> Camera Mounting Bracket<input type="checkbox"/> Bellows	<p>For robot controller:</p> <ul style="list-style-type: none"><input type="checkbox"/> Expansion I/O<input type="checkbox"/> RS-232C<input type="checkbox"/> Analog I/O<input type="checkbox"/> Fieldbus I/O Slave (PROFIBUS-DP, DeviceNET, CC-LINK, EtherNet/IP, PROFINET, EtherCAT)<input type="checkbox"/> Fieldbus I/O Master (PROFIBUS-DP, DeviceNET, EtherNet/IP)<input type="checkbox"/> Teach pendant TP2, TP3<input type="checkbox"/> Emergency stop box, cable<input type="checkbox"/> wall mounting bracket<input type="checkbox"/> PG Board, Conveyor Tracking<input type="checkbox"/> Hot Plug Kit
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