

DECLARATION OF CONFORMITY

According to the Electromagnetic Compatibility Regulations 2016.

Manufacturer	SEIKO EPSON CORPORATION	www.epson.com	
Address	3-5, Owa 3-chome, Suwa-shi	Telephone	+81-266-52-3131
	Nagano-ken 392-8502 Japan	Fax	+81-266-52-8409

Representative	Epson (U.K.) Limited	www.epson.co.uk	
Address	Floor 3&4, The Clarendon Works,	Telephone	+44-1442-261144
	37-39 Clarendon Road, Watford		
	WD17 1JA, U.K.		

This declaration of conformity is issued under the sole responsibility of the manufacturer:

Brand Name	EPSON		
Product Name	Robot Controller		
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		

Options

See Technical Data File

Conforms to the following Directive(s) and harmonized Norm(s) are applied:

The Electromagnetic Compatibility Regulations 2016

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

The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

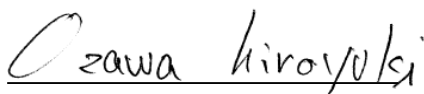
EN IEC 63000	2018
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Supplementary Information

The year in which the UKCA marking was affixed, is 2023

27th Aug. 2024

Nagano-ken, Japan



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

Declared based on "Technical Data File, 27th Aug. 2024 "

DECLARATION OF INCORPORATION OF PARTLY COMPLETED MACHINERY

According to Supply of Machinery (Safety) Regulations 2008, SCHEDULE2, PART2, sector 1.B. for a partly completed machinery.

Manufacturer	SEIKO EPSON CORPORATION	www.epson.com	
Address	3-5, Owa 3-chome, Suwa-shi Nagano-ken 392-8502 Japan	Telephone Fax	+81-266-52-3131 +81-266-52-8409
Representative	Epson (U.K.) Limited	www.epson.co.uk	
Address	Floor 3&4, The Clarendon Works, 37-39 Clarendon Road, Watford WD17 1JA, U.K.	Telephone	+44-1442-261144

This declaration of incorporation is issued under the sole responsibility of the manufacturer.

Brand Name	EPSON	
Product Name	Industrial Robot/Robot Controller	
Model	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

Options

See Technical Data File

Fulfills the following essential health and safety requirements of the Supply of Machinery (Safety) Regulations 2008:

1.1.2, 1.1.3, 1.1.5, 1.1.6, 1.2.1, 1.2.2, 1.2.3, 1.2.4.1, 1.2.4.3, 1.2.5, 1.2.6, 1.3.1, 1.3.2, 1.3.3, 1.3.4, 1.3.6, 1.3.7, 1.3.9, 1.5.1, 1.5.2, 1.5.4, 1.5.6, 1.5.8, 1.5.9, 1.5.10, 1.5.11, 1.6.1, 1.6.2, 1.6.3, 1.6.4, 1.7.1, 1.7.1.1, 1.7.2, 1.7.3, 1.7.4

The manufacturer undertakes to electronically supply the relevant technical documentation, referred to in Part7 sector B for the partly completed machinery, to national authorities upon reasoned request.

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 (Safety) Regulations.

Furthermore this partly completed machinery fulfils all relevant provisions of the directive:

- Electromagnetic Compatibility Regulations 2016
- The Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012 (except options)

Following harmonized norms and specifications are applied:

Safety:				EMC:	
EN ISO 10218-1	2011	IEC 61508-1	2010	EN 55011	2016/A1:2017/A11:2020 Group1 Class A
EN ISO 12100	2010	IEC 61508-2	2010	EN 61000-6-2	2005
EN 60204-1	2018	IEC 61508-3	2010	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				

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Nagano-ken, Japan

Hiroyuki Ozawa
MS CS Quality Assurance Department
General Manager
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Annex to manipulator type

	<u>GX</u>	<u>4</u>	-	B	<u>25</u>	<u>1</u>	<u>S</u>	<u>□</u>	<u>□</u>	<u>□</u>	<u>□</u>
	a	b			c	d	e	f	g	h	i
a	: Series name			GX							
b	: Payload			4	: 4kg						
c	: Arm length			25	: 250mm						
				30	: 300mm						
				35	: 350mm						
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						
i	: Variation			None	: None						
				/X5	: For Specific customers (GX4-B351C-L only)						

	<u>GX</u>	<u>8</u>	-	B	<u>45</u>	<u>2</u>	<u>S</u>	<u>□</u>	<u>□</u>
	a	b			c	d	e	f	g
a	: Series name			GX					
b	: Payload			8	: 8kg				
c	: Arm length			45	: 450mm				
				55	: 550mm				
				65	: 650mm				
d	: Axis#3 stroke			2	: 200mm(170mm)				
				3	: 330mm(300mm)				
					* () Is Clean,IP, with bellows option				
e	: Environment			S	: Standard (equivalent to IP20)				
				E	: Standard(IP20)+ESD				
				C	: Clean+ESD				
				P	: Protected(IP65)				
f	: Mounting			None	: Table top mounting				
				W	: Wall mounting				
				R	: Ceiling mounting				
g	: Cable mounting direction			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, TP4<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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