

EPSON

**UK
CA**

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	RC90-B	(Serial number R9W***0001 - R9W***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

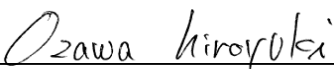
EN 55011	2016/A1:2017/A11:2020 Group1 Class A
EN 61000-6-2	2005

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

EN IEC 63000	2018
--------------	------

Supplementary Information

The year in which the UKCA marking was affixed, is **2021**
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**

AE1342-UKCA03-C

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	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 incorporation is issued under the sole responsibility of the manufacturer.

Brand Name	EPSON		
Product Name	Industrial Robot/Robot Controller		
Model	LS-B series robots	(Serial number L*****0001 - L*****9999)	
	RC90-B controller	(Serial number R9W***0001 - R9W***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 12100	2010	EN 55011	2016/A1:2017/A11:2020 Group1 Class A
EN ISO 10218-1	2011	EN 61000-6-2	2005
EN ISO 13849-1	2015		
EN ISO 13850	2015	RoHS:	
EN 60204-1	2018	EN IEC 63000	2018

Supplementary Information

The year in which the UKCA marking was affixed, is 2021

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 "



4142122-03

EPSON

Annex to manipulator type

The model numbers of the LS-B series manipulator are shown below.

The robots are divided into several type depend on the arm length, the size of mechanical components used on each axis and the purpose (for the use in clean room).

$$\frac{\text{LS}}{a} \frac{\text{3}}{b} - \frac{\text{B}}{c} \frac{\text{40}}{c} \frac{\text{1}}{d} \frac{\text{S}}{e} = \frac{\text{V1}}{f}$$

a	: Series name	LS	
b	: Payload	3	: 3kg
		6	: 6kg
		10	: 10kg
		20	: 20kg
		50	: 50kg
c	: Arm length	40	: 400mm
		50	: 500mm
		60	: 600mm
		70	: 700mm
		80	: 800mm
		A0	: 1000mm
d	: Axis#3 stroke	0	: None
		1	: 150mm (Standard)
		1	: 120mm (Clean)
		2	: 200mm (Standard)
		2	: 170mm (Clean)
		3	: 300mm (Standard)
		3	: 270mm (Clean)
		4	: 420mm (Standard)
		4	: 400mm (LS50-BA04S only)
		4	: 390mm (Clean)
e	: Environment	S	: Standard
		C	: Clean
f	: Variation		: None
		Vn	Variation pattern n