

DECLARATION OF INCORPORATION OF PARTLY COMPLETED MACHINERY
DECLARAÇÃO DE INCORPORAÇÃO DE MÁQUINA PARCIALMENTE COMPLETADA

According to the Machinery Directive 2006/42/EC, Annex II ,Part1,sector B for a partly completed machinery.
De acordo com a diretiva de máquinas 2006/42 / CE da, AnexoII, Parte 1, setor B para um equipamento parcialmente concluído.

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

Representative /Representante:	EPSON EUROPE B.V.	www.epson.eu
Address /Endereço:	Atlas Arena, Asia Building, Hoogoorddreef 5,1101 BA Amsterdam Zuidoost The Netherlands	Telephone /Telefone: +31-20-314-5000

This declaration of incorporation is issued under the sole responsibility of the manufacturer.
A presente declaração de incorporação é emitida sob a exclusiva responsabilidade do fabricante.

Brand Name /Marca:	EPSON		
Product Name /Nome do Produto:	Industrial Robot/ Robot Controller		
Model /Modelo:	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 <i>Para mais informação, por favor, consulte a descrição de produto</i>		

Options /Opções:
See Technical Data File

Fulfills the following essential health and safety requirements of the Machinery Directive 2006/42/EC:
Cumprer os seguintes requisitos essenciais de saúde e segurança da Diretiva de Máquinas 2006/42/CE:

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 Annex VII part B for the partly completed machinery, to national authorities upon reasoned request.
O fabricante compromete-se a fornecer eletronicamente a documentação técnica relevante, referida no anexo VII, parte B, para máquinas parcialmente completas, às autoridades nacionais, mediante pedido fundamentado.
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.
Este equipamento parcialmente completo não deve ser colocada em serviço até que a máquina na qual ela será incorporada tenha sido declarada em conformidade com as disposições da Diretiva de Máquinas.

Furthermore this partly completed machinery fulfils all relevant provisions of the directive:
Além disso, esta máquina parcialmente concluída cumpre todas as disposições relevantes da diretiva:

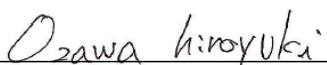
- Electromagnetic Compatibility (EMC) 2014/30/EU
- Restriction of the use of certain hazardous substances (RoHS)2011/65/EU

Following harmonized norms and specifications are applied:
As seguintes normas e especificações harmonizadas são aplicadas:

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

Supplementary Information /Informação suplementar

The year in which the CE marking was affixed, is 2019 *O ano em que a marca CE foi concedida é* 2019
15 June 2026
Nagano-ken, Japan


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

Declared based on "Technical Data File, 15 June 2026 " *Declarado com base a "Technical Data File, 15 June 2026 "*

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).

LS 3 - B 40 1 S : V1 -FZ
 a b c d e f g

a	: Series name	LS			
b	: Payload	3	: 3kg		
		6	: 6kg		
		10	: 10kg		
		20	: 20kg		
		50	: 50kg		
		A0	: 1000mm		
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		4	: 400mm (LS50-BA04S only)		
		4	: 390mm (Clean)		
e	: Environment	S	: Standard		
		C	: Clean		
f	: Variation		: None		
		Vn	: Variation pattern n		
g	: BNS Food grease Type	None	: None		
		-FZ	: BNS Food grease Type		

Annex to options

Hardware Option Product Name:

- Expansion I/O
- RS-232C
- Fieldbus I/O Slave
- Fieldbus I/O Master
- Conveyor Tracking
- TP2
- CV1, CV2
- PV1
- VRT
- Analog I/O
- EUROMAP67
- Part Feeding

DECLARATION of CONFORMITY

Declaração de conformidade

Manufacturer <i>/Fabricante:</i>	SEIKO EPSON CORPORATION	www.epson.com	
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Brand Name <i>/Marca:</i>	EPSON		
Product Name <i>/Nome do Produto:</i>	Robot Controller		
Model <i>/Modelo:</i>	RC90-B	(Serial number R9W***0001 - R9W***9999)	
		<Note> * : 0 - 9, A - Z	
	For more details, please refer to the product description <i>Para mais informação, por favor, consulte a descrição de produto</i>		

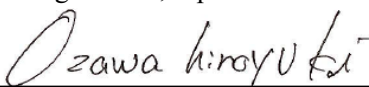
Options */Opções:*
See Technical Data File

Conforms to the following Directive(s) and Norm(s) */Em conformidade com a(s) seguinte(s) Directiva(es) e Norma(s):*
Electromagnetic Compatibility (EMC) 2014/30/EU
EN 55011 2016/A1:2017/A11:2020 Group1 Class A
EN 61000-6-2 2005

Restriction of the use of certain hazardous substances (RoHS)2011/65/EU
EN IEC 63000 2018

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