



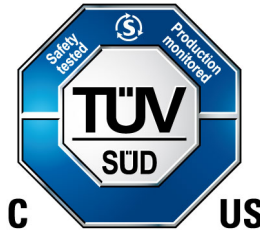
America

# CERTIFICATE

No. U8 099278 0015 Rev. 02

**Holder of Certificate:** **Seiko Epson Corporation**  
**Toyoshina office**  
 6925 Tazawa, Toyoshina  
 Azumino-shi, Nagano  
 399-8285 JAPAN

**Certification Mark:**



**Product:** Industrial Robot  
 SCARA Robot

This product was voluntarily tested to the relevant safety requirements referenced on this certificate. It can be marked with the certification mark above. The mark must not be altered in any way. This product certification system operated by TÜV SÜD America Inc. most closely resembles system 3 as defined in ISO/IEC 17067. Certification is based on the TÜV SÜD "Testing, Certification, Validation and Verification Regulations (TCVVR)". TÜV SÜD America Inc. is an OSHA recognized NRTL for USA and a Standards Council of Canada ISO/IEC 17065 accredited Certification body for Canada.

**Test report no.:** 735011048-200

**Date,** 2026-01-29

( Adrian Rabago Valenzuela )



America

# CERTIFICATE

No. U8 099278 0015 Rev. 02

**Model(s):** LS50-C, LS20-C, LS8-C, LS4-C, LA6-A, LA3-A (Industrial Robot)  
R133C, R133A, R137A (Robot controller)

**Brand Name:** EPSON

**Tested according to:** CSA Z434:2014/U1:2017-02  
UL 1740:2018/R:2020-11

**Parameters:**

Rated Input Voltage:	200-240 VAC, Single phase
Rated Frequency:	50/60 Hz
Rated Input Current:	3.2A (R137A) 4.9A (R133A) 6.9A (R133C)
Protection Class:	I
Ambient Temperature:	5°C to 40°C

## Nomenclature:

**Industrial Robot**

LS	50	-	C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
				a	b	c

LS50-C: LS series 50kg payload robots

a: Arm length

A0: 1000 mm

b: Axis#3 stroke

2: 210 mm

4: 400 mm

c: Environment

S: Standard (equivalent to IP20)



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## Industrial Robot

**LS 20 - C**                    
    a                    b                    c

LS20-C: LS series 20kg payload robots

a: Arm length

A0:                    1000 mm  
 80:                    800 mm

b: Axis#3 stroke

4:                      420 mm (390 mm)\*

\*The length of the Axis#3 is 420 mm, but in the case of the clean type with the bellows option, the actual moveable range is 390 mm.

c: Environment

S:                      Standard (equivalent to IP20)  
 C:                      Clean

## Industrial Robot

**LS 8 - C**                                            
    a                    b                    c

LS8-C: LS series 8 kg payload robots

a: Arm length

50:                    500 mm  
 60:                    600 mm  
 70:                    700 mm

b: Axis#3 stroke

2:                      200 mm (170 mm)\*

\*The length of the Axis#3 is 200mm, but in the case of the clean+ESD type with the bellows option, the actual movable range is 170mm

c: Environment

S:                      Standard (equivalent to IP20)  
 C:                      Clean+ESD



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## Industrial Robot

LS 4 - C  a  b  c

LS4-C: LS series 4kg payload robots

a: Arm length

40: 400 mm

b: Axis#3 stroke

1: 150 mm (120 mm)\*

\*The length of the Axis#3 is 150mm, but in the case of the clean+ESD type with the bellows option, the actual movable range is 120mm

c: Environment

S: Standard (equivalent to IP20)  
C: Clean+ESD

## Industrial Robot

LA 6 - A  a  b  c - C1

LA6-A: LA series 6kg payload robots

a: Arm length

50: 500 mm  
60: 600 mm  
70: 700 mm

b: Axis#3 stroke

2: 200 mm(170 mm)\*

\* The length of the Axis#3 is 200mm, but in the case of the clean type with the bellows option, the actual movable range is 170mm.

c: Environment

S: Standard (equivalent to IP20)  
C: Clean



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## Industrial Robot

LA 3 - A    - C1  
 a b c

LA3-A: LA series 3kg payload robots

a: Arm length

40: 400 mm

b: Axis#3 stroke

1: 150 mm(120 mm)\*

\* The length of the Axis#3 is 150mm, but in the case of the clean type with the bellows option, the actual movable range is 120mm.

c: Environment

S: Standard (equivalent to IP20)  
 C: Clean

## Robot Controller

R133   
 a

a: Controller Type

A: RC800-A for LS8-C, LS4-C series  
 C: RC800-A for LS50-C, LS20-C series

## Robot Controller

R137   
 a

a: Controller Type

A: RC800L for LA6-A, LA3-A series