



Product Service

CERTIFICATE

No. B 099278 0006 Rev. 07

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

Certification Mark:



Product: **Industrial Robot**
SCARA Robot

The product was tested on a voluntary basis and complies with the essential requirements. The certification mark shown above can be affixed on the product. It is not permitted to alter the certification mark in any way. In addition, the certification holder must not transfer the certificate to third parties. This certificate is valid until the listed date, unless it is cancelled earlier. All applicable requirements of the Testing, Certification, Validation and Verification Regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.: 73590090-07

Valid until: 2030-06-04

Date, 2025-06-20

(Shigehisa Ishikawa)



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Model(s): **Industrial Robot:**
GX1, GX4, GX8, GX10, GX20, RS4, RS6
Robot Controller:
R114A, R114B, R131A, R131B, R131C,
R135A, R135B

Nomenclature:

Industrial Robot

GX **1** - **C**
a **b** **c** **d** **e**

GX1-C:GX series robots (1.0kg payload for 4-axes, 1.5kg payload for 3-axes)

a: Arm length

17: 175 mm
22: 225 mm

b: Axis#3 stroke

1: 100 mm (80 mm)
* () Is Clean, with bellows option

c: Environment

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

d: Axis type

None: 4-axes
Z: 3-axes

e: BNS Food grease Type

None: None
-FZ: BNS Food grease Type



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Industrial Robot

GX **4** - **B**

GX4-B: GX series 4kg payload robots

a: Arm length

25: 250 mm
30: 300 mm
35: 350 mm

b: Axis#3 stroke

1: 150 mm (120 mm)
* () Is Clean, with bellows option

c: Environment

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

d: Mounting

None: Table top mounting
M: Multiple mounting

e: Cable mounting direction

None: Standard (Table top mounting -back out, multi-top out)
B: Table top mounting -bottom out

f: Arm type

None: Straight
-L: Left carving
-R: Right carving

g: Variation

None: None
/X5: For Specific customers (GX4-B351C-L or GX4-C351C-L only)

h: BNS Food grease Type

None: None
-FZ: BNS Food grease Type



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Industrial Robot

GX **4** - **C** a b c d e f g h

GX4-C: GX series 4kg payload robots

a: Arm length

25: 250 mm
30: 300 mm
35: 350 mm

b: Axis#3 stroke

1: 150 mm (120 mm)
* () Is Clean, with bellows option

c: Environment

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

d: Mounting

None: Table top mounting
M: Multiple mounting

e: Cable mounting direction

None: Standard (Table top mounting -back out, multi-top out)
B: Table top mounting -bottom out

f: Arm type

None: Straight
-L: Left carving
-R: Right carving

g: Variation

None: None
/X5: For Specific customers (GX4-B351C-L or GX4-C351C-L only)

h: BNS Food grease Type

None: None
-FZ: BNS Food grease Type

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Industrial Robot

GX **8** - **B** **a** **b** **c** **d** **e** **f**

GX8-B: GX series 8kg payload robots

a: Arm length

45:	450 mm
55:	550 mm
65:	650 mm

b: Axis#3 stroke

2:	200 mm (170 mm)
3:	330 mm (300 mm)

* () Is Clean, IP, with bellows option

c: Environment

S:	Standard (equivalent to IP20)
E:	Standard (IP20) + ESD
C:	Clean + ESD
P:	Protected (IP65)

d: Mounting

None:	Table top mounting
W:	Wall mounting
R:	Ceiling mounting

e: Cable mounting direction

None:	Standard (Table top mounting -back out, Ceiling mounting -back out, multi-top out)
B:	Table top mounting -bottom out

f: BNS Food grease Type

None:	None
-FZ:	BNS Food grease Type

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Industrial Robot

GX 8 - C a b c d e f

GX8-C: GX series 8kg payload robots

a: Arm length

45:	450 mm
55:	550 mm
65:	650 mm

b: Axis#3 stroke

2:	200 mm (170 mm)
3:	330 mm (300 mm)

* () Is Clean, IP, with bellows option

c: Environment

S:	Standard (equivalent to IP20)
E:	Standard (IP20) + ESD
C:	Clean + ESD
P:	Protected (IP65)

d: Mounting

None:	Table top mounting
W:	Wall mounting
R:	Ceiling mounting

e: Cable mounting direction

None:	Standard (Table top mounting -back out, Ceiling mounting -back out, multi-top out)
B:	Table top mounting -bottom out

f: BNS Food grease Type

None:	None
-FZ:	BNS Food grease Type



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Industrial Robot

GX 10 - B □_a □_b □_c □_d □_e □_f

GX10-B: GX series 10kg payload robots

a: Arm length

65: 650 mm
85: 850 mm

b: Axis#3 stroke

1: 180 mm (150 mm)
 250 mm (GX10-B851S-Z250mm only)
4: 420 mm (390 mm)
 * () Is Clean, IP, with bellows option

c: Environment

S: Standard (equivalent to IP20)
C: Clean + ESD
P: Protected (IP65)

d: Mounting

None: Table top mounting
W: Wall mounting
R: Ceiling mounting

e: Variation

None: Standard
-Z250mm: For Specific customers (Custom model with Axis#3 stroke at 250mm.GX10-B851S-Z250mm only)

f: BNS Food grease Type

None: None
-FZ: BNS Food grease Type



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Industrial Robot

GX 10 - C a b c d e f

GX10-C: GX series 10kg payload robots

a: Arm length

65: 650 mm
85: 850 mm

b: Axis#3 stroke

1: 180 mm (150 mm)
 250 mm (GX10-C851S-Z250mm only)
4: 420 mm (390 mm)
 * () Is Clean, IP, with bellows option

c: Environment

S: Standard (equivalent to IP20)
C: Clean + ESD
P: Protected (IP65)

d: Mounting

None: Table top mounting
W: Wall mounting
R: Ceiling mounting

e: Variation

None: Standard
-Z250mm: For Specific customers (Custom model with Axis#3 stroke at 250mm.GX10-C851S-Z250mm only)

f: BNS Food grease Type

None: None
-FZ: BNS Food grease Type



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Industrial Robot

GX 20 - B
a b c d e

GX20-B: GX series 20kg payload robots

a: Arm length

85: 850 mm
A0: 1000 mm

b: Axis#3 stroke

1: 180 mm (150 mm)
4: 420 mm (390 mm)
* () Is Clean, IP, with bellows option

c: Environment

S: Standard (equivalent to IP20)
C: Clean + ESD
P: Protected (IP65)

d: Mounting

None: Table top mounting
W: Wall mounting
R: Ceiling mounting

e: BNS Food grease Type

None: None
-FZ: BNS Food grease Type



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Industrial Robot

GX 20 - C □ □ □ □ □
a b c d e

GX20-C: GX series 20kg payload robots

a: Arm length

85: 850 mm
A0: 1000 mm

b: Axis#3 stroke

1: 180 mm (150 mm)
4: 420 mm (390 mm)
* () Is Clean, IP, with bellows option

c: Environment

S: Standard (equivalent to IP20)
C: Clean + ESD
P: Protected (IP65)

d: Mounting

None: Table top mounting
W: Wall mounting
R: Ceiling mounting

e: BNS Food grease Type

None: None
-FZ: BNS Food grease Type



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Industrial Robot

RS **4** - **C**
a b c

RS4-C: RS series 4kg payload robots

a: Arm length

35: 350 mm

b: Axis#3 stroke

1: 130 mm (100 mm)
* () Is Clean, IP, with bellows option

c: Environment

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

Industrial Robot

RS **6** - **C**
a b c

RS6-C: RS series 6kg payload robots

a: Arm length

55: 550 mm

b: Axis#3 stroke

2: 200 mm (150 mm)
* () Is Clean, IP, with bellows option

c: Environment

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



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Robot Controller

R114
a

a: Controller Type

- A: RC700-E for GX4 series
- B: RC700-E for GX8, GX10, GX20 series

Robot Controller

R131
a

a: Controller Type

- A: RC800-A for GX4 series
- B: RC800-A for GX8, GX10, GX20 series
- C: RC800-A for GX1 series

Robot Controller

R135
a

a: Controller Type

- A: RC800-A for RS4 series
- B: RC800-A for RS6 series

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Parameters:

Rated Voltage: AC 200 – 240 V, Single phase
Rated Current: R114A, R114B: 6.9 A
R131A, R131B: 5.07 A
R131C: 1.5 A
R135A, R135B: 3.5 A
Rated Frequency: 50/60 Hz
Protection class: I
Overvoltage category: II
Degree of Protection: IP 20 (IP65 for GX8, GX10, GX20 IP model)

Remark:

When installing / inserting the equipment, all requirements of the mentioned test standard must be fulfilled.

Tested according to: EN ISO 10218-1:2011
EN ISO 12100:2010
EN ISO 13849-1:2015
EN ISO 13850:2015
EN 60204-1:2018
EN 61800-5-1:2007/A11:2021