

America

CERTIFICATE

No. U8 108162 0062 Rev. 00

Holder of Certificate: **Rainbow Robotics Inc.**
10-19, Expo-ro, 339beon-gil. Yuseong-gu
Daejeon 34122
REPUBLIC OF KOREA

Certification Mark:



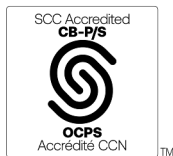
Product: **Industrial Robot
(Manipulator & Controller)**

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.: MAEA07563622

Date, 2024-07-12

(Ro-Hyun Park)



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Model(s):

**Manipulator : RB20-1900ES, RB20-1900ESA1,
RB20-1900ESA2, RB20-1900ESN
Controller : CB06-1**

**Tested
according to:**

UL 1740:2018/R:2020-11
CSA Z434:2014/U1:2017-02

Parameters:

Manipulator : RB20-1900ES, RB20-1900ESN
Rated input voltage : 48 Vd.c.
Rated payload : 20 kg
Degree of freedom : 6 axis
Weight : 76 kg
Protection class : I

Manipulator : RB20-1900ESA1, RB20-1900ESA2
Rated input voltage : 48 Vd.c.
Rated payload : 20 kg
Degree of freedom : 6 axis
Weight : 76 kg
Protection class : I
Operation air pressure : 10 bar

Controller : CB06-1
Rated input voltage : 100-240 Va.c., 1 Phase
Rated frequency : 50/60 Hz
Rated input current : 20 A
Weight : 14.9 kg
Protection class : I
Serial no. : C06-2404001