



Product Service

CERTIFICATE

No. Z10 108162 0020 Rev. 00

Holder of Certificate:

Rainbow Robotics Inc.

10-19, Expo-ro, 339beon-gil. Yuseong-gu
Daejeon 34122
REPUBLIC OF KOREA

Certification Mark:



Product:

Robot Safety Unit

Model(s):

Rainbow Robotics Safety Controller (RBSC-01)

Parameters:

Monitoring functions:

Stop functions:

- | | |
|----------------------------------|-----------------------------|
| - SOS | - STO |
| - SLP | - SS1 |
| - SLS | - SS2 |
| - SLA | - EMS1 |
| - SLI | - EMS2 |
| - SLT | - PRS – Protective Stop |
| - RPL – Robot Position Limit | - HSS – Hard Safeguard Stop |
| - TSL – TCP Speed Limit | - SSS – Soft Safeguard Stop |
| - CBPL – Control Box Power Limit | |

Tested according to:

- IEC 61508-1:2010 (SIL 2)
- IEC 61508-2:2010 (SIL 2)
- IEC 61508-3:2010 (SIL 2)
- EN 62061:2005/A2:2015 (SILCL 2)
- EN ISO 13849-1:2015 (Cat. 3, PL d)
- EN ISO 10218-1:2011
- ISO TS 15066:2016
- IEC 61800-5-2:2016

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 and certification regulations of TÜV SÜD Group have to be complied. For details see: www.tuvsud.com/ps-cert

Test report no.:

RS96159T

Valid until:

2026-07-14

Date, 2021-07-15

(Christian Dirmeier)