

EC-Type Examination Certificate

No. M6A 041745 0009 Rev. 03

Holder of Certificate:**B&R****Industrial Automation GmbH**

B&R Strasse 1
5142 Eggelsberg
AUSTRIA

Product:**Safety Related Programmable Electronic System****B&R servo drive****ACOPOS P3 SafeMOTION**

This EC Type Examination Certificate is issued according to Article 12(3) b or 12(4) a of Council Directive 2006/42/EC relating to machinery. It confirms that the listed Annex-IV equipment complies with the principal protection requirements of the directive. It refers only to the sample submitted to TÜV SÜD Product Service GmbH for testing and certification. For details see: www.tuvsud.com/ps-cert

Test report no.:

BE90571C

Valid until: 2026-06-22**Date,**

2021-06-24



(Matthias Ramold)

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Model(s): B&R servo drive
ACOPOS P3 SafeMOTION

Parameter:

Degree of protection: IP20
Safety functions: see attachment
EN ISO 13849-1:2015
EN 61508-1:2010
EN 61508-2:2010
EN 61508-3:2010
EN 61508-4:2010
EN 61800-3:2004/A1:2012
EN 61800-5-2:2017
EN 62061:2005/A2:2015
EN 60204-1:2018

Stop Category 0, 1, 2:

Safety functions:

B&R servo drive ACOPOS P3 SafeMOTION realizes the following safety functions:

Safety functions	Safety integrity
Safe Torque Off (STO)	SIL 3 / PL e / Kat 4
Safe Torque Off One Channel (STO1)	SIL 2 / PL d / Kat 3
Safe Brake Control (SBC)	SIL 2 / PL d / Kat 3
Safe Operating Stop (SOS)	SIL 2 / PL d / Kat 3
Safe Stop 1 (SS1)	SIL 2 / PL d / Kat 3 (ramp based monitoring) SIL 3 / PL e / Kat 4 (time based monitoring)
Safe Stop 2 (SS2)	SIL 2 / PL d / Kat 3
Safely Limited Speed (SLS)	SIL 2 / PL d / Kat 3
Safe Maximum Speed (SMS)	SIL 2 / PL d / Kat 3
Safe Direction (SDI)	SIL 2 / PL d / Kat 3
Safely Limited Increment (SLI)	SIL 2 / PL d / Kat 3
Safe Limited Acceleration (SLA)	SIL 2 / PL d / Kat 3
Safe Homing	SIL 2 / PL d / Kat 3
Remanent Safe Position (RSP)	SIL 2 / PL d / Kat 3
Safe Limited Position (SLP)	SIL 2 / PL d / Kat 3
Safe Maximum Position (SMP)	SIL 2 / PL d / Kat 3

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Depending on the firmware version and hardware revision, additionally the following safety functions are realized:

Safety functions	Safety integrity
Safe Brake Test (SBT)	SIL 2 / PL d / Kat 3 SIL 2 / PL d / Kat 2
Safely Limited Torque (SLT)	SIL 2 / PL d / Kat 3 SIL 2 / PL d / Kat 2
Safely Limited Speed (SLS with SSO)	SIL 2 / PL d / Kat 3