CERTIFICATE OF CONFORMITY

MD/CoC/25/HEL/011 Issue 4

Product	Industrial Robot
Certificate holder / Manufacturer	Suzhou Inovance Technology Co., Ltd. No. 52, Tian E Dang Road, Wuzhong District, 215104, Suzhou City, Jiangsu Province, China
Manufacturing site	Nanjing Inovance Technology Co., Ltd. No. 19 Changqing Street, Jiangning District, Nanjing, 211106, China
Model(s)	See page 2
Serial number(s)	
Trade mark (if any)	INOVANCE
Technical details / ratings	See page 3-10
Additional information (if any)	-
Following standards have been applied	EN ISO 12100:2010; EN 60204-1:2018 EN ISO 10218-1:2011; EN ISO 13849-1:2023
Evaluated documentation (reference No., date)	GZES260200295801, GZES260200295802, GZES260200295803, SHFS260200014871

This Certificate of Conformity is based on documentation of the product. Above mentioned Documentation of the product has been evaluated. Based on documentation the product has been found to be in conformity with the above-mentioned standard(s) and applicable parts of the Annex I of the Machinery Directive (2006/42/EC).
It does not imply an assessment of the whole production or fulfilment of other additional requirements in the Directive.
If a standard mentioned on this Certificate is withdrawn or removed from the list of harmonised standards under the Machinery Directive (2006/42/EC), a re-evaluation is needed.
This certificate can be used to demonstrate product compliance until 27 February 2030 with the presumption that standards mentioned remains valid. Surveillance activities are not part of this certificate.
It is the obligation of the certification holder to demonstrate upon request that the product produced is identical to the certified product.
Use of the CE marking requires actions set in Article 5 clause 1 of Machinery Directive (2006/42/EC), completion of an EU Declaration of Conformity, internal production control (Annex VIII, item 3) and compliance with all relevant EU Directives.

Date of issue 29 April 2026

SGS Fimko Oy

Signature

Baris Bagci

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Business ID 0634247-4 Member of the SGS Group (SGS SA)

Model(s) IR-R10-acd-fhi-INT, IR-R12-140cd-fhi-INT, IR-R13-140cd-fhi-INT, IR-R15-145cd-fhi-INT, IR-R15H-145cd-fhi-INT, IR-R16-acd-fhi-INT, IR-R20-acd-fhi-INT, IR-R20H-acd-fhi-INT, IR-R25-acd-fhi-INT, IR-R25H-acd-fhi-INT, IRGF-R10-acd-fhi-INT, IRGF-R20-acd-fhi-INT, IR-R35-170cd-fhi-INT, IR-R35H-170cd-fhi-INT, IR-CR10-acd-fhi-INT, IR-CR12-140cd-fhi-INT, IR-CR13-140cd-fhi-INT, IR-CR15-145cd-fhi-INT, IR-CR15H-145cd-fhi-INT, IR-CR16-acd-fhi-INT, IR-CR20-acd-fhi-INT, IR-CR20H-acd-fhi-INT, IR-CR25-acd-fhi-INT, IR-CR25H-acd-fhi-INT, IR-CR35-acd-fhi-INT, IR-CR35H-170cd-fhi-INT, IR-GR10-acd-fhi-INT, IR-GR12-140cd-fhi-INT, IR-GR13-140cd-fhi-INT, IR-GR15-145cd-fhi-INT, IR-GR15H-145cd-fhi-INT, IR-GR16-acd-fhi-INT, IR-GR20-acd-fhi-INT, IR-GR20H-acd-fhi-INT, IR-GR25-acd-fhi-INT, IR-GR25H-acd-fhi-INT, IR-GR35-acd-fhi-INT, IR-GR35H-170cd-fhi-INT, HRTA300-12-201TS7-INT, HRTA300-10-140TS5-INT, HRTA300-16-210TS5-INT, HRTA300-30-185TS7-INT, HRTA300-35-185TS7-INT, HRTA300-25-178TS5-INT

Note:
‘a’ should be 20~3100 for the Manipulator length; special: 54 stands for 54.5cm.
‘c’ should be the installation environment, C: clean, S: standard, P: high protection, F: die casting, WS: wall + standard, WC: wall + clean, WP: wall + high protection, US: upside-down + standard, UP: upside-down + high protection, UC: upside-down + clean, HO: Hygienic Oil.
‘d’ Indicates the length of the towing cable, which should be 3-20 representing standard cables or G3-G20 representing highly flexible cables or blank.
‘f’ stands for customization cabinets information which should be K/NEM/KEM/Blank;
Blank: Indicates a cabinet: IRCB501-6ND-INT. NEM: Indicates a cabinet: IRCB501-6ND-EM-INT.
K: Indicates a cabinet: IRCB501-6KD-INT. KEM: Indicates a cabinet: IRCB501-6KD-EM-INT.
‘h’ stands for customization of Manipulator which should be 1SV/2SV/3SV/A/AD/HXW/Blank;
1SV: Built-in one solenoid valve,2SV: Built-in two solenoid valve, 3SV: Built-in three solenoid valve, A: 90 Degree Bellow, AD: Using a low base, HXW: Including optional accessories, such as aviation plug, IO cable, network cable; Blank: No customization of manipulator.
‘i’ stands for information on usage scenarios which should be GJ/TR, JPN, or other region name codes specified by ISO 3166 standards/Blank; GJ: Silicone crystal industry, TR: Turkey, Blank: No Customized Information.

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Model Name	Manipulator Model	Cabinet Model	Payload (kg)	Manipulator length (cm)	Rating
IR-R10-acd-fhi-INT	IRB-R10-acd-fhi-INT	IRCB501-6ND-INT	10	140/200	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-R12-140cd-fhi-INT	IRB-R12-140cd-fhi-INT	IRCB501-6ND-INT	12	140	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-R13-140cd-fhi-INT	IRB-R13-140cd-fhi-INT	IRCB501-6ND-INT	13	140	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-R15-145cd-fhi-INT	IRB-R15-145cd-fhi-INT	IRCB501-6ND-INT	15	145	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A

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IR-R15H-145cd-fhi-INT	IRB-R15H-145cd-fhi-INT	IRCB501-6ND-INT	15	145	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-R16-acd-fhi-INT	IRB-R16-acd-fhi-INT	IRCB501-6ND-INT	16	200/210	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-R20-acd-fhi-INT	IRB-R20-acd-fhi-INT	IRCB501-6ND-INT	20	120/170/200	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-R20H-acd-fhi-INT	IRB-R20H-acd-fhi-INT	IRCB501-6ND-INT	20	120/170/200	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			

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IR-R25-acd-fhi-INT	IRB-R25-acd-fhi-INT	IRCB501-6ND-INT IRCB501-6ND-EM-INT	25	170/178/185/200	1PH 220-240VAC 23A
IR-R25H-acd-fhi-INT	IRB-R25H-acd-fhi-INT	IRCB501-6ND-INT IRCB501-6ND-EM-INT	25	170/178/185/200	1PH 220-240VAC 23A
IRGF-R10-acd-fhi-INT	IRGF-R10-acd-fhi-INT	IRCB501-6ND-INT	10	140/200	1PH 220-240VAC 23A
IRGF-R20-acd-fhi-INT	IRGF-R20-acd-fhi-INT	IRCB501-6ND-INT	20	120/170/200	1PH 220-240VAC 23A
IR-R35-170cd-fhi-INT	IRB-R35-170cd-fhi-INT	IRCB501-6ND-INT IRCB501-6ND-EM-INT	35	145/170	1PH 220-240VAC 23A
IR-R35H-170cd-fhi-INT	IRB-R35H-170cd-fhi-INT	IRCB501-6ND-INT IRCB501-6ND-EM-INT	35	145/170	1PH 220-240VAC 23A
IR-CR10-acd-fhi-INT	IRB-CR10-acd-fhi-INT	IRCB501-6ND-INT IRCB501-6ND-EM-INT	10	140/200	1PH 220-240VAC 23A
		IRCB501-6KD-EM-INT IRCB501-6KD-INT			1PH 220-240VAC 20A
IR-CR12-140cd-fhi-INT	IRB-CR12-140cd-fhi-INT	IRCB501-6ND-INT IRCB501-6ND-EM-INT	12	140	1PH 220-240VAC 23A
		IRCB501-6KD-EM-INT IRCB501-6KD-INT			1PH 220-240VAC 20A

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IR-CR13-140cd-fhi-INT	IRB-CR13-140cd-fhi-INT	IRCB501-6ND-INT	13	140	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-CR15-145cd-fhi-INT	IRB-CR15-145cd-fhi-INT	IRCB501-6ND-INT	15	145	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-CR15H-145cd-fhi-INT	IRB-CR15H-145cd-fhi-INT	IRCB501-6ND-INT	15	145	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-CR16-acd-fhi-INT	IRB-CR16-acd-fhi-INT	IRCB501-6ND-INT	16	200/210	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			

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IR-CR20-acd-fhi-INT	IRB-CR20-acd-fhi-INT	IRCB501-6ND-INT	20	120/170/200	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-CR20H-acd-fhi-INT	IRB-CR20H-acd-fhi-INT	IRCB501-6ND-INT	20	120/170/200	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-CR25-acd-fhi-INT	IRB-CR25-acd-fhi-INT	IRCB501-6ND-INT	25	170/178/185/200	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
IR-CR25H-acd-fhi-INT	IRB-CR25-acd-fhi-INT	IRCB501-6ND-INT	25	170/178/185/200	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
IR-CR35-acd-fhi-INT	IRB-CR35-acd-fhi-INT	IRCB501-6ND-INT	35	145/170	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
IR-CR35H-170cd-fhi-INT	IRB-CR35-170cd-fhi-INT	IRCB501-6ND-INT IRCB501-6ND-EM-INT	35	145/170	1PH 220-240VAC 23A

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IR-GR10-acd-fhi-INT	IRB-GR10-acd-fhi-INT	IRCB501-6ND-INT	10	140/200	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-GR12-140cd-fhi-INT	IRB-GR12-140cd-fhi-INT	IRCB501-6ND-INT	12	140	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-GR13-140cd-fhi-INT	IRB-GR13-140cd-fhi-INT	IRCB501-6ND-INT	13	140	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-GR15-145cd-fhi-INT	IRB-GR15-145cd-fhi-INT	IRCB501-6ND-INT	15	145	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			

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		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-GR16-acd-fhi-INT	IRB-GR16-acd-fhi-INT	IRCB501-6ND-INT	16	200/210	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-GR20-acd-fhi-INT	IRB-GR20-acd-fhi-INT	IRCB501-6ND-INT	20	120/170/200	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-GR20H-acd-fhi-INT	IRB-GR20H-acd-fhi-INT	IRCB501-6ND-INT	20	120/170/200	1PH 220-240VAC 23A
		IRCB501-6ND-EM-INT			
		IRCB501-6KD-EM-INT			1PH 220-240VAC 20A
		IRCB501-6KD-INT			
IR-GR25-acd-fhi-INT	IRB-GR25-acd-fhi-INT	IRCB501-6ND-INT	25	170/178/185/200	1PH 220-240VAC 23A

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IR-GR35-acd-fhi-INT	IRB-GR35-acd-fhi-INT	IRCB501-6ND-INT IRCB501-6ND-EM-INT	35	145/170	1PH 220-240VAC 23A
IR-GR35H-170cd-fhi-INT	IRB-GR35-170cd-fhi-INT	IRCB501-6ND-INT IRCB501-6ND-EM-INT	35	145/170	1PH 220-240VAC 23A
HRTA300-12-201TS7-INT	IRB-R12-201S-INT	IRCB501-6ND-INT	12	201	1PH 220-240VAC 23A
HRTA300-10-140TS5-INT	IRB-R10-140S-INT	IRCB501-6ND-INT	10	140	1PH 220-240VAC 23A
HRTA300-16-210TS5-INT	IRB-R16-210S-INT	IRCB501-6ND-INT	16	210	1PH 220-240VAC 23A
HRTA300-30-185TS7-INT	IRB-R30-185S-INT	IRCB501-6ND-INT	30	185	1PH 220-240VAC 23A
HRTA300-35-185TS7-INT	IRB-R35-185S-INT	IRCB501-6ND-INT	35	185	1PH 220-240VAC 23A
HRTA300-25-178TS5-INT	IRB-R25-178S-INT	IRCB501-6ND-INT	25	178	1PH 220-240VAC 23A

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