

## ATTESTATO DI VERIFICA VOLONTARIA DI CONFORMITA'

EC type Statement of Compliance  
N° QUA\_MAC.VVC.0300

ai requisiti di salute e sicurezza della Direttiva Macchine 2006/42/CE Allegato I,  
come di seguito indicati (RESS)

with health and safety requirement of Annex I Machinery Directive 2006/42/EC,  
as listed below (EHSR)

Numerico pratica <i>Job number</i>	SHES2201001173MD
Richiedente <i>Applicant</i>	Rokae (Shandong) Robotics Technology Co., Ltd.
Indirizzo <i>Address</i>	No. 888 Hengfeng Rd., Zoucheng, Jining, Shandong, China.
Fabbricante: <i>Manufacturer:</i>	Rokae (Shandong) Robotics Technology Co., Ltd.
Indirizzo <i>Address:</i>	No. 888 Hengfeng Rd., Zoucheng, Jining, Shandong, China.
Descrizione quasi macchina: <i>Partly completed machinery description:</i>	Collaborative Robot
Identificazione del tipo <i>Identification of the type</i>	XME3p-R760, XME7p-R850
Caratteristiche principali <i>Relevant parameters</i>	See ANNEX
RESS applicati e soddisfatti <i>EHSR applied and fulfilled</i>	1.1.1, 1.1.2, 1.1.3, 1.1.5, 1.1.6, 1.2, 1.3.1, 1.3.2, 1.3.3, 1.3.4, 1.3.8.1, 1.5.1, 1.5.2, 1.5.4, 1.5.5, 1.5.6, 1.5.8, 1.5.9, 1.5.11, 1.5.13, 1.6.1, 1.6.3, 1.6.4, 1.6.5, 1.7.
Documentazione Tecnica Pertinente <i>Relevant technical documentation</i>	SHES2201001173MD rev.0
Rapporto d'ispezione <i>Inspection Report</i>	SHES2201001173MD
Norme di riferimento <i>Relevant standard</i>	EN ISO 10218-1:2011; EN ISO 12100:2010; EN 60204-1:2018 EN ISO 13849-1:2015



SGS ITALIA, in quanto organismo competente, ha effettuato una verifica volontaria di tipo, ha esaminato la documentazione tecnica pertinente e ispezionata la quasi macchina, attesta anche il tipo è conforme ai requisiti di salute e sicurezza della Direttiva Macchine 2006/42/EC Allegato I, sopra elencati.

SGS ITALIA as a Competent Body states the type is in compliance with the listed above health and safety requirements according to the Machinery Directive 2006/42/EC Annex I after performing a voluntary EC type examination, the relevant technical documentation examination and the partly completed machinery inspection.

Data di emissione / Date of issue: March 15<sup>th</sup>, 2022

Data di scadenza / Expire date: March 14<sup>th</sup>, 2027

SGS Italia S.p.A.

On behalf

Alessia Michellini



*Mr. Alessia Michellini*



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02/73931



**ATTESTATO DI VERIFICA VOLONTARIA DI CONFORMITA'****EC type Statement of Compliance**

Annex to N° QUA\_MAC.VVC.0300

**ai requisiti di salute e sicurezza della Direttiva Macchine 2006/42/CE****Allegato I, come indicati (RESS)***with health and safety requirement of Annex I Machinery Directive  
2006/42/EC, as listed (EHSR)*

Identificazione del tipo XME3p-R760  
Identification of the type: XME7p-R850

**Modelli e caratteristiche principali:***Models and Machinery parameters:*

Model	Weight [kg]	Load Capacity [kg]	Range [mm]	Short Circuit Current [KA]	Power [W]	Rated voltage, frequency [V, Hz]	Full Load Current
XME3p-R760	20	3	760	5	1000	90-264VAC 47-63Hz Single phase	6A/230V AC
XME7p-R850	30	7	850				

*Federico Michel*

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Industrial



## Supplementary of functional safety certificate

### Summary of Rokae xMate ER -Series collaborative robot system Safety Functions:

SF	Item & Description	PLr	Safe State & Response Time	Assessment Result
SF1	Emergency Stop	PLrd	Cat 0/1 stop	PLd / Cat.3
SF3	3 Position Enabling Device		Cat 0 stop	PLd / Cat.2
SF4	Mode Switch		Cat 0/1 stop	PLd / Cat.2
SF5	Safety Guard Stop		Cat 2 stop	PLd / Cat.2
SF6	Emergency Stop Output		Two-channel output signals with high impedance state	PLd / Cat.2

- Required PL of safety functions were determined by risk assessment with referring to ISO10218-1: 2011, ISO 15066: 2016
- Detailed information please refer to SHES22010011730371 functional safety technical report

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