

Verification of Conformity



According to Electromagnetic Compatibility Directive 2014/30/EU

Certificate Number IN-GZ-5805-220033-E
Licence Holder ZEROERR CONTROL CO., LTD.
Address 4F, Bldg 1, Unit 4, Dejin Industrial Park, 40 Fuyuan 1st Road,
Fuhai St, Bao'an Shenzhen, Guangdong, P.R.China
Machinery Description eRob Rotary Actuator
Type Identification eRob Rotary Actuator series (Detail see the Appendix)
Serial Model(s) See Appendix
Technical File No. IN-GZ-5805-TF220033-E1
IN-GZ-5805-TF220033-E2
IN-GZ-5805-TF220033-E3
Applicable Standards EN 61000-6-1:2007, EN 61000-6-3:2007+A1:2011
EN 61000-6-2:2005, EN 61000-6-4:2007+A1:2011
Date of Issue October 25, 2024

Declaration: In the Opinion of SGS the Submitted Technical File IN-GZ-5805-TF220033-E1, IN-GZ-5805-TF220033-E2, IN-GZ-5805-TF220033-E3 and Sample Satisfies the Requirements of the Electromagnetic Compatibility Directive 2014/30/EU.

Conclusion

Based upon a review of the Technical Construction File and assessment of Sample, the apparatus is deemed to meet the requirements of the above standards and hence fulfils the requirements of:

Electromagnetic Compatibility Directive 2014/30/EU

Note: This certificate is only valid for the equipment and configuration described and in conjunction with the technical file detailed above.

This certificate is valid until unless the directive or standards in question has been amended or superseded.

The CE mark can be used under the responsibility of the manufacturer, after completion of an EC Declaration of Conformity and compliance with all relevant EC Directives.

FOR AND IN BEHALF OF SGS-ESTC
STANDARDS TECHNICAL SERVICES CO., LTD
The member of (SGS Group) Société Générale de Surveillance

AUTHORIZED SIGNATURE

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Appendix A: Type designation description

eRob Rotary Actuators

Series model including:

eRob Rotary Actuator series	eRob Rotary Actuator Model
eRob70	eRob70**** -***-18**, eRob70****T-***-18**
eRob80	eRob80**** -***-18**, eRob80****T-***-18**
eRob90	eRob90**** -***-18**, eRob90****T-***-18**
eRob110	eRob110**** -***-18**, eRob110****T-***-18**
eRob142	eRob142**** -***-18**, eRob142****T-***-18**
eRob170	eRob170**** -***-18**

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Appendix B Detail of Family

关节系列 Actuator Series	关节外径 Outer Diameter	长度和 承载 Length& Load	减速比 Reduction Ratio	安装类型 Installation type	制动器 Brake	输出端 编码器 Load Side Encoder	通孔直径 Through Hole Diameter	通信类型 Communication Type	扭矩 传感器 Torque Sensor
eRob	70	F	100	I — B	M — 18	E	N		
↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
零误差 关节系列 ZeroErr Actuator Series	70 Φ70mm	F 扁平型 Flat Type	50 50速比 Reduction Ratio 50	I 直筒型 Straight Cylinder Type	F 无制动器 Without Brake	S 无多圈记忆 Without Multiturn Memory	18 18mm	C CANopen	N 无扭矩 传感器 None Torque Sensor
	80 Φ80mm		80 80速比 Reduction Ratio 80			M 有多圈记忆 With Multiturn Memory		E EtherCAT	
	90 Φ90mm		100 100速比 Reduction Ratio 100	T 转角型 Corner Type	B 带制动器 With Brake				
	110 Φ110mm	H 长筒型 Long Cylinder Type	120 120速比 Reduction Ratio 120		HS 高精度校准 High- Precision Calibration 无多圈记忆 Without Multiturn Memory				
	142 Φ142mm				HM 高精度校准 High- Precision Calibration 有多圈记忆 With Multiturn Memory				
	170 Φ170mm								

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