

Current Date: 2026-05-20

To:

SGS-CSTC Standards Technical Services (Shanghai) Co., Ltd.

No. 588 West Jindu Road, Songjiang District, Shanghai, China. 201612

Dear Sir/Madam,

Subject: **Declaration Letter about Identity of Products**

*WE (Agile Robots SE) HEREBY DECLARED THAT

Product Description	Industrial Robot
Model No.	Thor7, Thor7 Pro, Thor12
Manufacturer's Name	Agile Robots SE
Manufacturer's Address	Plinganserstrasse 134, 81369 Muenchen, Germany

*Except that the below differences, other are identical with the original product as follows:

Robot Arm	Specification			
Model	Thor7	Thor7 Pro	Thor12	Thor20
Payload	7 kg	7 kg	12 kg	20 kg
Maximum reach	900 mm	900 mm	1300 mm	1700 mm
Weight	32 kg	38 kg	35 kg	72 kg
Degrees of freedom	6	6	6	6
Repeatability* 1	±0.03 mm	±0.03 mm	±0.05 mm	±0.1 mm
TCP maximum speed	3.1 m/s	2.5 m/s	3.7 m/s	2.8 m/s
Joint maximum speed	J1: 240°/s J2: 240°/s J3: 250°/s J4: 325°/s J5: 440°/s J6: 440°/s	J1: 180°/s J2: 180°/s J3: 180°/s J4: 320°/s J5: 320°/s J6: 320°/s	J1: 200°/s J2: 150°/s J3: 215°/s J4: 325°/s J5: 410°/s J6: 440°/s	J1: 120°/s J2: 120°/s J3: 150°/s J4: 210°/s J5: 210°/s J6: 210°/s
Joint range of motion	J1: -360° ~ 360° J2: -179° ~ 179° J3: -165° ~ 165°	J1: -360° ~ 360° J2: -179° ~ 179° J3: -160° ~ 160°	J1: -360° ~ 360° J2: -179° ~ 179° J3: -170° ~ 170°	J1: -360° ~ 360° J2: -180° ~ 180° J3: -170° ~ 170°

Agile Robots SE

Robot Arm	Specification			
	J4: -360° ~ 360° J5: -360° ~ 360° J6: -360° ~ 360°	J4: -360° ~ 360° J5: -360° ~ 360° J6: -360° ~ 360°	J4: -360° ~ 360° J5: -360° ~ 360° J6: -360° ~ 360°	J4: -360° ~ 360° J5: -360° ~ 360° J6: -360° ~ 360°
IP rating	IP54	IP54	IP54	IP54

Note: 1. The Thor7, Thor7 Pro, and Thor12 robots are equipped with the controller model CB-FS-3.2T-0.6KW; and the Thor20 robot is equipped with the controller model CB-FS-3.2T-1KW.
2. The definition of identical should be “**electrically identical**”. A device will be considered to be electrically identical if no changes are made to the devices’ schematics, board layouts, component layouts, chip sets, resistors and all other electrical aspects of the device are identical.

with the model(s) below which samples we chose to be tested by SGS

Model No.:	Thor20
Manufacturer’s Name:	Agile Robots SE
Manufacturer’s Address:	Plinganserstrasse 134, 81369 Muenchen, Germany

Sincerely,

Signature:	
Printed Name:	Zhihao Li
Position/Title:	Product Manager
Contact Number:	+49 89277814101