



Product Service

Attestation

No. M7 117181 0002 Rev. 01**Holder of Attestation: Franka Emika GmbH**Frei-Otto-Strasse 20
80797 München
GERMANY**Product: Electrical Machinery
(Robot with control unit)**

This Attestation of Conformity is issued on a voluntary basis according to Council Directive 2006/42/EC relating to machinery. It confirms that the listed equipment (partly completed machine) complies with the requirements set in article 13 of the directive and is based on the technical specifications applicable at the time of issuance. It refers only to the particular sample submitted for conformity assessment. For details see: www.tuvsud.com/ps-cert

Test report no.: 713310738-01**Date,** 2023-11-07

(Benedikt Pulver)

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This Attestation does not replace the regulatory EU Declaration of Conformity (DoC) and does not allow for CE marking. Partly completed machines are designated to be assembled in a machine, which complies with the requirements set in the Machinery Directive 2006/42/EC and for which a Declaration of Conformity according to Annex II A of the Machinery Directive 2006/42/EC needs to be drawn up.



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Model(s): **Franka Production 3**
Franka Research 3

Trade name: **FRANKA EMIKA**

Parameters:

Rated Voltage: 100-240 V, 1 phase
 Rated Frequency: 50-60 Hz
 Rated Current: 6,0-2,5 A
 SCCR: 1500A
 Protection Class: I
 Ambient temperature: With hand-guiding: 30 °C (indoor)
 Without hand-guiding: 45°C (indoor)
 Sea level: 2000m, OVC II
 IP-Class: Arm: IP40, Controller: IP20

Component	Model number	Reach	Mass
Production 3	73681344	855 mm	app. 18 kg
Research 3	73681343	855 mm	app. 18 kg
Control	75674217	---	app. 7 kg
Control FX3_ae	75674218	---	app. 7 kg

System software
System image 5.1.1/5.1.2/5.2.0 running on Master Controller i5 (Certificate: Z10 117181 0001 Rev. 01, TÜV SÜD, EN 13849-1:2015; Cat. 3, PL d)

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Conditions of acceptability:

- The robot and controller are suitable for indoor use only
- The IP rating of the equipment is IP40/IP20 and has to be considered upon integration
- The equipment under test was tested for use at the maximum ambient temperature permitted by the manufacturer's specification of 30 °C. Without hand-guiding 45°C
- The operation altitude of the equipment is specified for 2000m for OVC II
- For functional safety documentation and safe operation refer to test and certificate by TÜV SÜD RAIL
- In final application a risk analysis is required for safe integration of any tool or application in line with the relevant requirements of the regulations, e.g. machinery directive in Europe.- When installing requirements of test standards and installation guide must be fulfilled
- All relevant warnings must be available in the manual and explained in the respective national languages

Tested according to:

ISO 10218-1:2011
 EN ISO 10218-1:2011
 IEC 60204-1:2016
 EN 60204-1:2018
 IEC 61010-1:2010/AMD1:2016
 EN 61010-1:2010/A1:2019
 IEC 61010-2-201:2017
 EN 61010-2-201:2018
 IEC 61800-5-1:2007/AMD1:2016
 EN 61800-5-1:2007/A1:2017

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