



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

Mobile Industrial Robots ApS  
MIR200

Report No. MI 1703-901

### Electrical Resistance

### Qualification Certificate

This is to certify that the product mentioned above, provided by

**Mobile Industrial Robots ApS**  
Odense SØ, Denmark

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number MI 1703-901.

The robot MIR200 was examined for its electrical resistance at representative points in accordance with DIN EN 61340-2-3. The resistance to groundable point ( $R_{gp}$ ) values obtained from the test piece lies within the limits of the limiting value of  $1 \times 10^9 \Omega$  required by DIN EN 61340-5-1 for ESD control elements. The point-to-point resistance ( $R_{p-p}$ ) values obtained from the test piece lies within the limits of the limiting value of  $1 \times 10^9 \Omega$  required by DIN EN 61340-5-1 for ESD control elements.

	Operating voltage [V]	Max. value [ $\Omega$ ]	Compliance with limit value as per DIN EN 61340-5-1
Resistance to groundable point ( $R_{gp}$ )	100	$8.0 \times 10^8$	<b>fulfilled</b>
Point-to-point resistance ( $R_{p-p}$ )	100	$6.4 \times 10^7$	<b>fulfilled</b>

MI 1703-901  
Report No. first document

Stuttgart, January 18, 2018  
Place, date of first document issued

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Report No. current document

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Place, current date

on behalf of   
Dr.-Ing. Frank Bürger, Project Manager Fraunhofer IPA

This document only applies to the named product in its original state and is valid for a period of 5 years from the date the first document was issued. The document can be verified under [www.tested-device.com](http://www.tested-device.com).

Detailed information and parameters of the test environment can be found in the Fraunhofer IPA test report.