



Fraunhofer

TESTED[®] DEVICE

GIMATIC S.R.L.

MRE16180

Report No. GI 1803-1017

Particle Emission

Qualification Certificate

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

GIMATIC S.R.L.
Roncadelle (Bs), Italy

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number GI 1803-1017.

The 2 Position Electric Rotary Actuator MRE16180 was assessed in compliance with ISO 14644-14. When operated under the specified test conditions, it is suitable for use in cleanrooms fulfilling the specifications of the following Air Cleanliness Class according to ISO 14644-1:

Test parameter	Air Cleanliness Class
Cycles of movement: 30/min Range of movement: 0° to 180°	5
Overall result	5

DUPLICATE

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.

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

GI 1302-637
Report No. first document

Stuttgart, March 21, 2013
Place, date of first document issued

GI 1803-1017
Report No. current document

Stuttgart, March 30, 2018
Place, current date

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