



Fraunhofer

TESTED[®] DEVICE

Festo AG & Co. KG
MHA1-M1LCH-2/26-0.95-HC
Report No. FE 1407-713

Qualification Certificate

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

Festo AG & Co. KG
Esslingen - Berkheim, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number FE 1407-713.

The Solenoid valve MHA1-M1LCH-2/26-0.95-HC generates the following average number of particles $\geq 0.1 \mu\text{m}$ per cycle:

24 h measurement	Average number and standard deviation particles $\geq 0.1 \mu\text{m}$ per cycle
on new valve	78 \pm 135
after 1 million cycles	705 \pm 353
after 5 million cycles	1325 \pm 613
after 12 million cycles	1368 \pm 567

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

Stuttgart, August 5, 2015

i.A. 
Frank Bürger, Project manager Fraunhofer IPA

DUPLICATE

The validity of this certificate applies only to the mentioned product in this particular condition for a duration of 5 years.

Further information:
www.tested-device.com