



# Fraunhofer

## TESTED<sup>®</sup> DEVICE

LEONI Kerpen GmbH  
MegaLine D1-20 S/U 11Y superflex  
**Report No. LE 1212-626**

### Qualification Certificate

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

**LEONI Kerpen GmbH**  
Stolberg, Germany

has been awarded a Fraunhofer certificate TESTED DEVICE bearing the report number LE 1212-626.

The chemical resistance tests on the MegaLine D1-20 S/U superflex 4P 11Y SPICE Code 10124 were performed in accordance with ISO 2812-1. Therefore, the damages according to ISO 4628-1 and VDI 2083-17 are transferred in following classification:

Chemicals	Chemical Resistance	Chemicals	Chemical Resistance
Formalin 37 %	excellent	Phosphoric acid 30 %	excellent
Ammoniac 25 %	excellent	Hydrochloric acid 5 %	excellent
Isopropanol 100 %	excellent	Hydrogen peroxide 30 %	excellent
Sulphuric acid 5 %	excellent	Sodium hydroxide 5 %	excellent
Peracetic acid 15 %	excellent	Sodium hypochlorite 15 %	excellent

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

Stuttgart, February 14, 2013

i.A.   
Project manager

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](http://www.tested-device.com)