



EL Class I

Date of issue: 18 November 2024

Valid until: 31 December 2026

*EHEDG hereby declares that the product*

***inline diaphragm seals, types DF1xxx, DF3xxx, DF41xx in sizes DN10 – DN80 and inch sizes 1/2" - 3", type DF51xx in size DN10, DF6xxx in sizes DN10 – DN80, ISO outer diameter 13.5 - 88.9 and inch sizes 3/4" - 3" and for NEUMO BioConnect in sizes DN25 – DN80 and inch sizes 1 1/2" – 3"***

*from*

***LABOM Mess- und Regeltechnik GmbH, Im Gewerbepark 13 , 27798 Hude, Germany***

*has/have been evaluated for compliance and meets/meet the current criteria for Hygienic Equipment Design of closed process applications of the EHEDG*

**Certificate No. EHEDG-C2400059**

Signed \_\_\_\_\_ President EHEDG  
Hein Timmerman

Signed \_\_\_\_\_ EHEDG Certification Officer  
Karlijn Faber

**EHEDG**  
Karspeldreef 8  
1101 CJ Amsterdam  
Netherlands

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## APPENDIX 3

### EHEDG Certification – Equipment Evaluation Form

Design Evaluation Date: 09.04.2024

EHEDG File Number: EHEDG-R2400054

Certification Type: EL CLASS I

Applicant: LABOM Mess- und Regeltechnik GmbH

Equipment: inline diaphragm seals, types DF1xxx, DF3xxx, DF41xx in sizes DN10 – DN80 and inch sizes 1/2" - 3", type DF51xx in size DN10, DF6xxx in sizes DN10 – DN80, ISO outer diameter 13.5 - 88.9 and inch sizes 3/4" - 3" and for NEUMO BioConnect in sizes DN25 – DN80 and inch sizes 1 1/2" – 3"

Other essential identification:

**Evaluated by:**

Name: Dr. Jürgen Hofmann

Date, Signature: 23.10.2024

**Approved by:**

Name: Andy Timperley, Chairman on behalf of the SubCom Certification

Date, Signature: 04.11.2024,

The use of the EHEDG Certification logo is justified based on the results of the design evaluation, inspection, and testing (as applicable) of the equipment for compliance with the current EHEDG Hygienic Design Criteria (HDC):

Criteria	Certification for <b>use in Closed Processes</b>
<input checked="" type="checkbox"/>	The equipment complies with all applicable HDC in the Guidelines.
<input type="checkbox"/>	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2.
<input type="checkbox"/>	Evidence for compliance required and provided by in-place cleanability test method according to EHEDG Doc. 2, in-place sterilisability test method according to EHEDG Doc. 5, and bacteria tightness test according to EHEDG Doc. 7 for <b>EL ASEPTIC</b> Certification.
Criteria	Certification for <b>use in Open Processes</b>
<input type="checkbox"/>	The equipment complies with all applicable HDC in the Guidelines.
<input type="checkbox"/>	Evidence for compliance required and provided by OPC cleanability test method according to EHEDG Doc. 57.

## APPENDIX 3

No.	Description
1.	EHEDG Certificate of Compliance
2.	Contract to use the EHEDG Certification Logo for equipment
3.	Appendix 1: Equipment intended for cleaning-in-place with liquids without dismantling
4.	Appendix 2: conditions for use of the EHEDG Certification Logo
5.	Appendix 3: Equipment evaluation form
6.	Evaluation report of the design of the inline diaphragm seals, types DF1xxx, DF3xxx, DF41xx in sizes DN10 – DN80 and inch sizes 1/2" - 3", type DF51xx in size DN10, DF6xxx in sizes DN10 – DN80, ISO outer diameter 13.5 - 88.9 and inch sizes 3/4" - 3" and for NEUMO BioConnect in sizes DN25 – DN80 and inch sizes 1 1/2" – 3", no. 20924TUM2024
7.	Drawings of the inline diaphragm seals, types DF1xxx, DF3xxx, DF41xx in sizes DN10 – DN80 and inch sizes 1/2" - 3", type DF51xx in size DN10, DF6xxx in sizes DN10 – DN80, ISO outer diameter 13.5 - 88.9 and inch sizes 3/4" - 3" and for NEUMO BioConnect in sizes DN25 – DN80 and inch sizes 1 1/2" – 3", drawing no. F1-AR-00025-z, B4-AB-00291-x; original stamped
8.	Cleaning and Installation Manual no. TA_052_10.01 supplied by the manufacturer
9.	Example of EHEDG Certified Logo Type EL CLASS I