

## CERTIFICATE

Nr. 30623801E/MM/16.03.2026

customer:

**NEUMO GmbH + Co.KG**  
**DE – 75438 Knittlingen**

The sealing system mentioned below with the designation NEUMO BioControl Inline Housing G50 & 2 x Blind Plug D50 was tested according to the requirements of TA Luft:2021 and the specifications of VCI Bauteilprüfung (2022) with regard to the proof of tightness class L0.01 according to TA Luft:

**flange:** NEUMO BioControl Inline Housing G50 &  
 2 x Blind Plug D50  
**gasket:** 2 x O-ring:  
 Freudenberg Process Seals 70 EPDM 291 or  
 Greene, Tweed & Co., LLC FEP / Viton  
**bracing elements:** 8 x M8x20; A4-70

In the laboratory of amtec two tests with test numbers 26-108 and 26-136 were carried out under the following conditions and produced the following results:

Assembly:	20	Nm	
Exposure temperature / duration:	150	°C	48 h
Re-tightening required:	no		
Test pressure (absolute) / medium:	16	bar	Helium

The leak rates measured with a helium leak detector at the end of the measurement period were:

**Freudenberg Process Seals 70 EPDM 291:**

L<sub>1</sub> 2.0 · 10<sup>-5</sup> mg/(s·m) after Assembly  
 L<sub>2</sub> 2.2 · 10<sup>-5</sup> mg/(s·m) after temperature exposure

**Greene, Tweed & Co., LLC FEP / Viton:**

L<sub>1</sub> 5.2 · 10<sup>-4</sup> mg/(s·m) after Assembly  
 L<sub>2</sub> 2.0 · 10<sup>-3</sup> mg/(s·m) after temperature exposure

The leakage criterion of the TA Luft of 1.0 · 10<sup>-2</sup> mg/(s·m) was not exceeded in the relevant measurement L<sub>2</sub>. The sealing system examined is therefore considered to be leak-tight in the sense of TA Luft:2021.

This certificate is valid only in connection with the test report 3062382/- and the boundary conditions listed therein.

amtec Advanced Measurement Messtechnischer Service GmbH Lauffen, 16.03.2026

  
 B. Eng. M. Metzger  
 Projektingenieur

  
 Dipl.-Ing. F. Herkert  
 Prüflaborleiter