

CERTIFICATE

Nr. 30623802E/MM/16.03.2026

customer:

NEUMO GmbH + Co.KG
DE – 75438 Knittlingen

The sealing system mentioned below with the designation NEUMO BioControl Block Flange B50 & 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 Block Flange B50 & Blind Plug D50
gasket: O-ring: Freudenberg Process Seals 70 EPDM 291 or Greene, Tweed & Co., LLC FEP / Viton
bracing elements: 4 x M8x20; A4-70

In the laboratory of amtec two tests with test numbers 26-156 and 26-174 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:

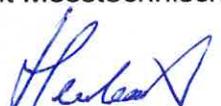
Freudenberg Process Seals 70 EPDM 291:
 L₁ 9.1 · 10⁻⁶ mg/(s·m) after Assembly
 L₂ 1.2 · 10⁻⁵ mg/(s·m) after temperature exposure
Greene, Tweed & Co., LLC FEP / Viton:
 L₁ 9.6 · 10⁻⁵ mg/(s·m) after Assembly
 L₂ 1.1 · 10⁻³ mg/(s·m) after temperature exposure

The leakage criterion of the TA Luft of 1.0 · 10⁻² mg/(s·m) was not exceeded in the relevant measurement L₂. 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


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 Projektingenieur


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 Prüflaborleiter