

## Certificate of conformity

### Regulation (EC) No. 1935/2004 of 27 October 2004

For materials and articles which, when used as intended, may come into contact with food, Buschjost GmbH hereby confirms conformity with the general requirements laid down in

Regulation (EC) No. 1935/2004 of 27 October 2004 on materials and articles intended to come into contact with food.

This applies to the following valve or component:

➡ 8315311.XXXX.XXXXX – 2/2 way solenoid valve

with the following materials and articles intended to come into contact with food:

Components	Article No.	Material description	Wetted surface [mm <sup>2</sup> ]	Note
Valve body	1702462	Radel R 5100 NT 15 1263872	1649	Plastic
O-ring	1263766	70 EPDM 291	52	Elastomer
O-ring	1702427	70 EPDM 291	96	Elastomer
Socket	1260548	1.4303	898	Stainless steel
Pole shoe	1270443	1.4113 IM	96	Stainless steel
O-ring	1263765	70 EPDM 291	7	Elastomer
Anchor	1263740	1.4113 IM	961	Stainless steel
Sealing plug	1708614	85 EPDM 292	63	Elastomer
Spring	1209130	1.4310	160	Stainless steel
Spring bolt	1263738	1.4113 IM	113	Stainless steel
Spring	1263750	1.4310	91	Stainless steel
Overall			4186	

### Contact with foodstuffs

Foodstuff	Contact area [mm <sup>2</sup> ]
Water 25 °C	4186
Water 60 °C	4186
Water 100 °C	4186
Steam 130 °C	4186

For any foreseeable contact with foodstuffs which are not listed in the table, the user is responsible for determining the suitability of the product.

Citric acid is to be used for decalcification (50 mg of citric acid monohydrate in 1 l of water).

## Plastics

Plastic	Europe – Regulation (EC) 10/2011	USA – FDA 21 CFR 176.1700
Radel R-5100 NT15	(1)	✓

(1) For plastics, a separate written confirmation on regulation (EC) 10/2011 is attached.

## Elastomers

At the time of the issuing of this confirmation, no individual measures for elastomers exist pursuant to article 5 of regulation (EC) 1935/2004 which require a written declaration of conformity.

Elastomer	Germany – XXI Federal Institute for Risk Assessment (BfR) Recommendation Category 1	USA – FDA 21 CFR 177.2600
70 EPDM 291	✓	✓
85 EPDM 292	✓	✓

## Stainless steels

The components and alloys correspond to the specific discharge values laid down in the Council of Europe Resolution (CM/Res (2013)9 on metals and alloys used in food contact materials and articles.)

Furthermore, they are compliant with the requirements of ANSI/NSF 51.



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Bad Oeynhausen, 18 May 2018



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