

## Statement on RoHS

Directives 2011/65/EU and 2015/863/EU

Directives 2011/65/EC and 2015/863/EC restrict the use of certain hazardous substances in electrical and electronic equipment. Buschjost Magnetventile GmbH & Co. KG develops and distributes solenoid valves as well as pneumatically operated valves. The valves marketed by Buschjost (BJ) are used in a wide range of applications in mechanical and plant engineering for controlling gaseous and liquid media.

According to the VDMA policy paper on RoHS and the harmonised Electrical and Electronic Equipment Act, both building and industrial valves are usually installed in large fixed installations and therefore do not fall within the scope of these directives or this law. BJ follows the assessment of the VDMA and thus does not consider its products to be within the direct scope of the RoHS directives. Irrespective of this, however, we have positioned ourselves in such a way that BJ products can be supplied in compliance with the directives as far as possible. For the majority of BJ products, substitutes or alternative production processes have been introduced for prohibited substances or, where not substituted, the substances are below the permissible limits.

According to the present state of the art, materials with lead as an alloying element cannot be substituted. Lead acts as a chip breaker and lubricant, improves the machinability of the alloys and gives the material properties such as better corrosion resistance. For lead and other substances, Directive 2011/65/EC provides for exemptions to Article 4(1) in Annex III. The exemptions are used by BJ:

- Paragraph 6b for aluminum with a percentage by weight of 0.4% of lead.
- Paragraph 6c for copper alloys with a percentage by weight of up to 4% of lead.

However, for certain applications BJ also uses materials with a lead content above the exemption limits. Components made of these materials are affected:

- Red brass (material numbers 2.1090 and 2.1096)
- Aluminum (material number 3.1645)

These materials are used as pressure-bearing enclosures, but also as interior parts of valves. The selection of materials is governed by required material resistance.

Individual Examination: Valve 3/918-59/0824/R381-XX  
This product is RoHS compliant.

32602 Vlotho, Germany, 18.05.2024

Location, Date



Marc Langejuergen, Managing Director