

## Press Release

12<sup>th</sup> July 2018

### **Eisele push-in fittings improve system safety**

New: INOXLINe 17B with optimised sealing system

### **INOXLINe 17B - Eisele developed the successful INOXLINe stainless steel push-in fittings a step further. Optimisation of the sealing system eliminates gaps or grooves in the tube.**

With the advanced development of the 17B series, which have been presented on the Achema 2018 for the first time, Eisele has further optimized the sealing system of the successful INOXLINe push-in fittings. In the new design, the O-ring is installed in front of the collet. This improves the tightness of the connection and eliminates gaps in the tube at the sealing point. In combination with FDA-compliant Viton seals, the 17B series is recommended for diverse applications in processing and packaging technology, as well as food and pharmaceutical production.

In addition to the high tightness in pressure and vacuum applications, INOXLINe push-in fittings made of 1.4301/1.3207 stainless steel offer an easy-to-clean design and outstanding resistance to corrosion. This selection of material also guarantees that the transported operating media can never be contaminated by material components or particles.

### **Time-proven seal technology**

The special sealing technology of the 17A series with two FKM (Viton) seals in the collet can withstand both internal gas pressures of up to 24 bar and a vacuum pressure as low as -0.95 bar. Depending on the media and connection sizes, pressures of up to 100 bar are also possible with liquids. Many push-in fittings in the market are designed for high pressures, but that does not automatically make them suitable for vacuum applications. The release sleeves of push-in fittings with an inner collet enable quick assembly and disassembly of the tube. The second seal in the connections not only enables use under higher pressures, but also offers additional safety to prevent dirt from penetrating the system.

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### **About Eisele**

Eisele Pneumatics GmbH & Co. KG is a multinational family owned company with headquarters in Waiblingen, Germany. With 160 employees, Eisele develops, produces and distributes premium quality solid metal connectors and has become established over the past decades as a leading supplier of innovative connection solutions. The Eisele portfolio – manufactured virtually 100% in Germany – comprises all important standard connection components such as push-in fittings, quick-release couplings and tube fittings, as well as numerous innovative products with unique selling properties that set standards, such as an extensive line of multiple connectors. Worldwide distributors

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and the subsidiary Eisele Connectors in Michigan, USA, ensure the global availability of Eisele products.

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### Caption

**Eisele\_Inoxline \_17B.jpg:** With the advanced development of the 17B series, Eisele has improved the sealing system of the successful INOXLINe push-in fitting – absolutely no grooves or gaps occur on the tube

### Keywords

push-in connectors, stainless steel, hygiene, INOXLINe, pneumatics, connection components, hygienic, corrosion-resistant, food, process technology, process engineering, system safety

### Meta-Title

Leak-proof stainless steel push-in fittings from Eisele

### Meta-description

The special sealing technology of the Eisele 17A series with two FKM seals can withstand internal gas pressures of up to 24 bar and a vacuum pressure as low as -0.95 bar.

### Deeplinks

<http://www.eisele.eu/en/products/inoxline/>

[https://youtu.be/9Q9\\_ASh9MQw](https://youtu.be/9Q9_ASh9MQw)

**Download-Area:** [www.koehler-partner.de/project/eisele-presseservice/](http://www.koehler-partner.de/project/eisele-presseservice/)

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