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Application pictures:
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Mühlheim an der Ruhr

Application Solution Analysis / Laboratory Technology Solenoid valve for gas chromatograph (GC/GC-MS)

Gas chromatography is an analytical method in which a gaseous sample mixture is separated into individual chemical compounds for analysis of the composition. A gas chromatograph essentially consists of an injector, a separation column inside the GC oven and a detector. The injector is used to inject the sample into the separation column.

With the Kuhnke solenoid valve from Kendrion, based on valve series 64, it is possible to precisely determine the flow paths of the gaseous sample inside the injector. Furthermore, the solenoid valve is perfectly suited for analytical purposes due to its high tightness and very low dead space. The solenoid valve with stainless steel capillary tubes can also be connected with a special fitting.

- ✓ High cleanliness standard
- ✓ High tightness
- ✓ Low dead space
- ✓ High reliability

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