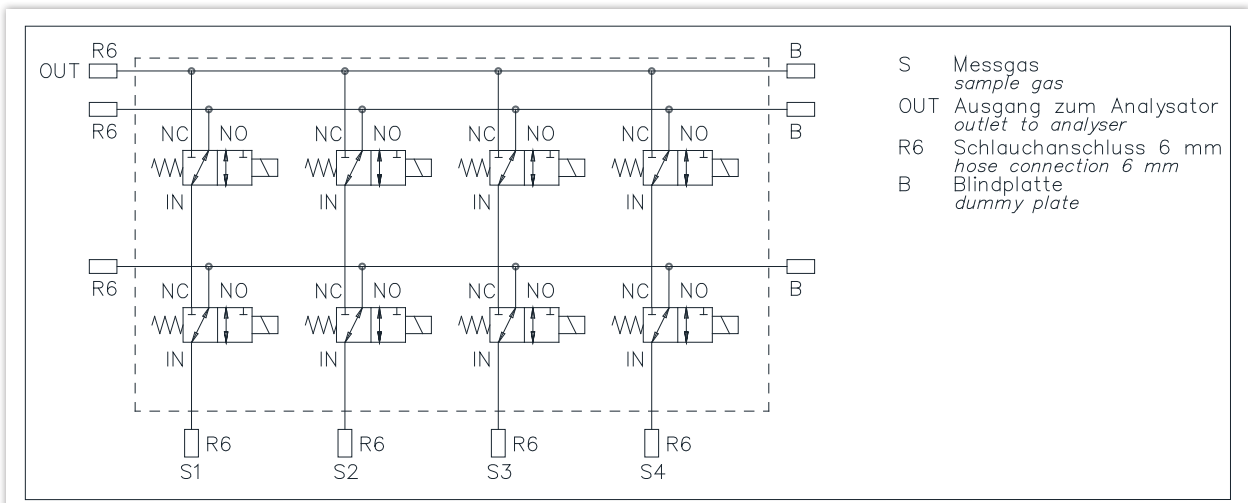


The solenoid valve block PVDF-S2 (2-row) is used for air monitoring, especially if the compounds are sensitive to moisture. It has three different functions: Sample stream switching, pre purging with sample and back flushing the sample line. The solenoid valve block PVDF-S2 (2-row) itself consists of two parts. One valve block with the 13 sample gas inlets has the 3/2-way solenoid valves for stream selection or for back flushing the sample line. The other valve block has the same amount of 3/2-way solenoid valves for pre purging or for selection the analyzer. Both blocks are connected via the CGS flange system; hereby the very compact design becomes technically possible.

Option

- Number of valves: up to 26 valves
- Gas connection hose: 6 mm; other on request

Application example





SOLENOID VALVE BLOCK

Type MVB-PVDF-S2

Technical data

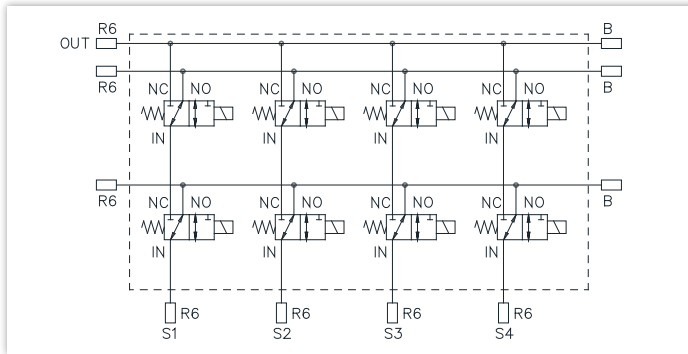
Valve:

- Type: 3/2-way solenoid valve
- Voltage: 24 VDC
- Power consumption: 3.4 Watt
- Response time: ca. 25 ms
- Orifice: 1.6 mm
- Flow coefficient Kv: 0.039 m³/h
- Max. gas pressure: 2.0 bar
- Ambient temperature: max. 55°C
- Gas temperature: 0°C to 60°C (FKM)
- Housing: PVDF
- Seal material: FKM
- Type of protection: IP54 with flying leads
- Electrical connection: Two FEP-leads 0.2 mm, length 500 mm
- Materials of wetted parts: PVDF, FKM

Solenoid valve block:

- Material: PVDF
- Dimensions (W x H x D): (depending on configuration)
13-fold with solenoid valves and = 440 x 90 x 110 mm
- Weight: 13-fold with solenoid valves and = ca. 3.2 kg

Configuration solenoid valve block

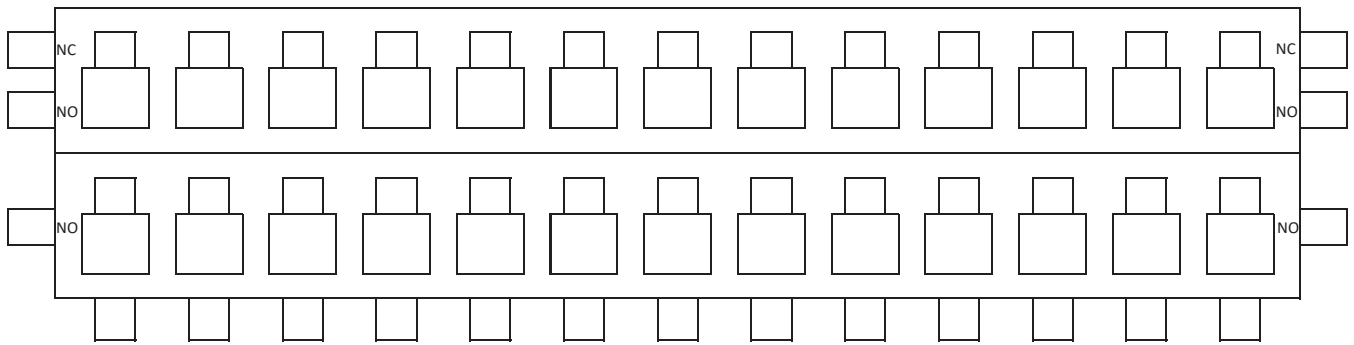


Date:

Company:

Name:

Project:



- B: Blind flange
- R6I: Double ferrule fitting 6 mm straight
- R6II: Double ferrule fitting 6 mm angled
- NB: Not assembled
- SK3: 3/2-way solenoid valve with cable

Remarks:



Fillable form at:
www.cgs-company.de/downloads/MDZ_E_D_MVB-PVDF-S2.pdf



SOLENOID VALVE BLOCK

Type MVB-PVDF-S2

Spare parts

Order No.	Article
1020263	Male adapter union; PVDF; hose 6 mm; G1/8" with O-ring
1020265	Elbow union; PVDF; hose 6 mm; pipe 6 mm
1020264	Adjustable male adaptor; PDF; 6 mm pipe; G1/8"
1019932	Screw plug; G1/8"; PVDV; with O-ring
1026311	O-ring set (10 pcs.); FKM 6.00x2.00 mm
1019710	Solenoid valve; flange; 3/2-way; 1.6 mm; 0-2 bar; FKM; 24 V