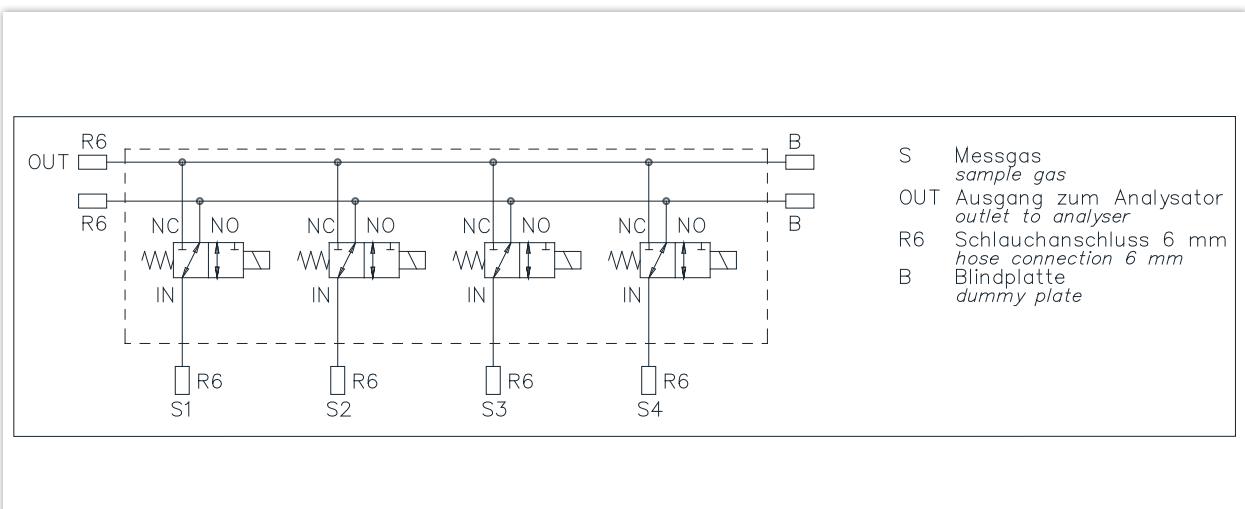


The solenoid valve block PVDF is characterized by its chemical resistance and it is used for stream switching up to 13 different streams. The compact flange solenoid valves are available as a 2/2- way valve in the NO or NC version and as a 3/2- way valve. Therefore the solenoid valve block PVDF can be equipped very flexible. The application is air monitoring in particular when reactive components are measured.

## Option

- Nuber of valves: up to 13 valves
- Type: 3/2-way solenoid valve  
2/2-way solenoid valve NC  
2/2-way solenoid valve NO
- Gas connection: hose: 6 mm; other on request

## Application example



### Technical data

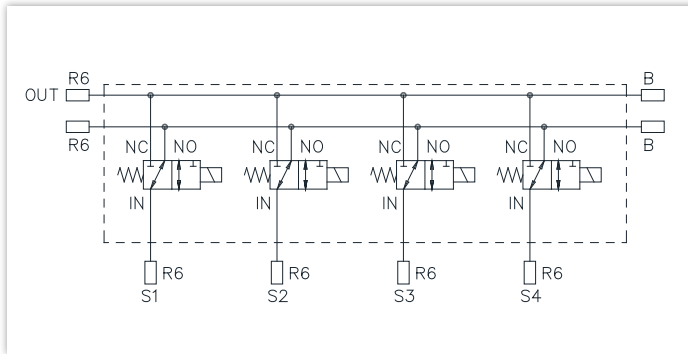
#### **Valve:**

- Type: 3/2-way solenoid valve  
2/2-way solenoid valve NC  
2/2-way solenoid valve NO
- Voltage: 24 V DC
- Power consumption: 3,4 Watt
- Response time: ca. 25 ms
- Orifice: 1,6mm
- Flow coefficient Kv: 0,039 m<sup>3</sup>/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 0,2mm<sup>2</sup>, length 500mm
- 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 connections = 440 x 90 x 65 mm
- Weight: 13-fold with solenoid valves and connections = ca. 1,6 kg

### Configuration solenoid valve block

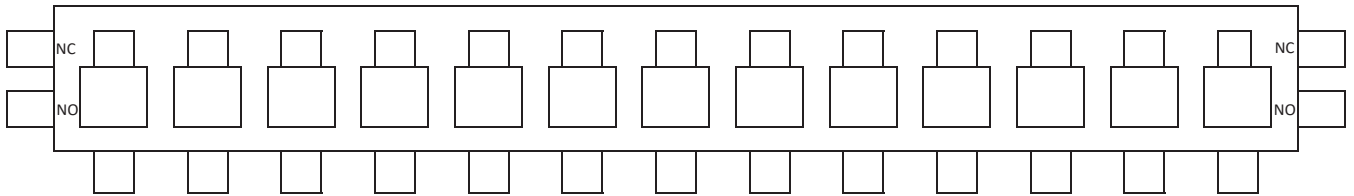


Date:

Company:

Name:

Project:



- B: Blind flange
- R6I: Double ferrule fitting 6 mm straight
- R6II: Double ferrule fitting 6 mm angled
- NB: Not assembled
- S2NO: 2/2-way solenoid valve NC
- S2NC: 2/2-way solenoid valve NO
- SK3: 3/2-way solenoid valve with cable

#### Remarks:



Fillable form at:  
[www.cgs-company.de/downloads/MDZ\\_E\\_D\\_MVB-PVDF-S1.pdf](http://www.cgs-company.de/downloads/MDZ_E_D_MVB-PVDF-S1.pdf)



# SOLENOID VALVE BLOCK

## Type MVB-PVDF-S1

### Spare parts

Order No.	Article
1020263	Male adapter union; PVDF; hose 6mm; G1/8" with O-ring
1020264	Adjustable male adaptor; PDF; 6mm pipe; G1/8"
1020265	Elbow union; PVDF; hose 6mm; pipe 6mm
1019932	Screw plug; G1/8"; PVDV; with O-ring
1026311	O-ring set (10 pcs); FKM 6.00x2.00mm
1030714	Solenoid valve; flange; 3/2-way; 1,6 mm; 0-2 bar; FKM; 24 V
1030715	Solenoid valve; flange; 2/2-way; 1,6 mm; 0-2 bar; FKM; 24 V; NC
1019710	Solenoid valve; flange; 2/2-way; 1,6 mm; 0-2 bar; FKM; 24 V; NO