Technical Data Sheet Type 2/131

3/2-way solenoid valve

NC - Valve normally closed

Direct operated piston design. No differential pressure is necessary for operation. When energized, the valve seat is opened directly.

In standard (NC) the valve closes with spring power.

- **Pilot valve for pressure operating valves**

Type 2/131

TECHNICAL SPECIFICATIONS

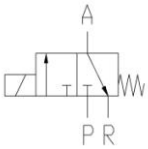
Type of control	Direct operated
Design	Piston design
Connection	Threaded G1/8 DIN ISO 228/1 (BSP)
Installation	Preferable with actuator upright
Pressure	0 - 10 bar (see table on page 2)
Medium	Clean, neutral, gaseous and liquid media
max. viscosity	22 mm²/s
Temperature range	Medium: -10 °C up to +80 °C Ambient: -10 °C up to +35 °C
Body material	Aluminum 3.2315
Metallic inner parts	Stainless steel
Sealing	FKM
Supply voltage	AC~ 24V, 110V, 230V DC= 12V, 24V Other supply voltages on request
Voltage tolerance	-10% / +10%
Power consumption	C182 = 6,8 Watt
Protection class	IP65 acc. to DIN 60529
Duty factor	100% ED-VDE 0580
Connection type	Plug with rotatable angle connection for hose 6 mm
Usage	as pilot valve for pressure operating valves

VALVE FEATURES

- No pressure difference required
- High life time
- Simple compact valve design
- Reliable and sturdy sealing elements
- Long-term availability of spare parts

FUNCTION

NC – non pressurized closed



ORDERING SYSTEM

Type						Connect.		Housing		Seal		Actuator			
2	/	1	3	1	-	3	1	-	1	7	0	2	-	C	1	8	2
						31 G 1/8 DN1.5			17 Aluminum					C Cnomo-coil			
											02 FKM				2 Standard IP65		

TECHNICAL FEATURES

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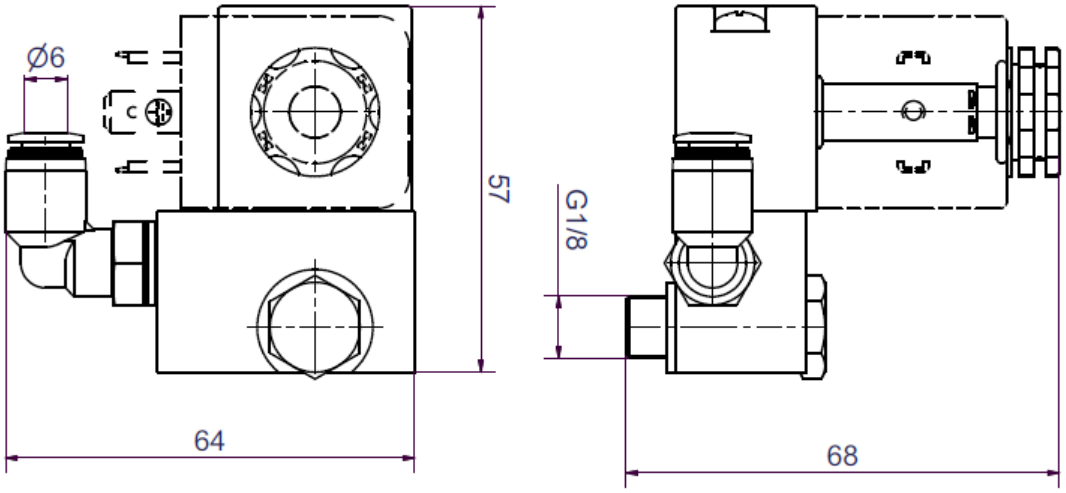
				max. pressure for coils
G	Seat Ø mm	Kv-value m³/h	Standard type	C182
1/8	1,5	0,09	2/131-31-1702-	0-10



PLEASE NOTE

Each individual application decides which valve type is required, the main factor being the resistance of the materials to the operating medium. The correct selection of materials requires knowledge of the concentration, temperature and degree of contamination of the medium. Other criteria include the operating pressure and max. volumetric flow, since , in addition to high temperatures , high pressures and high flow rates must also be taken into account when selecting the materials.

All materials used for our valves, be it housing, seals or magnets, will be carefully selected in view of the different application areas. Any information given is non-binding and serves for orientation only. No claims under warranty can be derived therefrom.

Stand: 04.18, MK-MG, Version 1.