



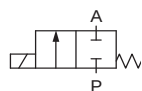
2/2 and 3/2-way Rocker Solenoid Valve for analytical applications

- 16 mm width
- Orifice DN 2.0 - DN 3.0
with pressure range vacuum to 5 bar
- Medium separation, for aggressive fluids
- High back-pressure tightness
- Direct acting

Type 6626 combines the reliable and successful Rocker principle with a highly innovative new actuator. The TwinPower concept of this actuator reduces the size greatly without loss in performance. Hence the 16 mm wide medium isolated rocker valve, 6626, with a 3.0 mm orifice and a pressure resistance of 2 bar, provides the same performance as a traditional 22 mm valve. In addition, the integrated power reduction decreases the energy consumption by 75%. In combination with other design features the heat transfer into the medium can be reduced to a minimum.

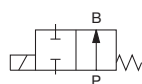
In the design of the 6626, the main benefits lie in its excellent cleanability and a high reliability. By using high performance materials the 6626 suits the handling of aggressive medium perfectly. The valve is available in a 2-way and 3-way version.

Circuit function A



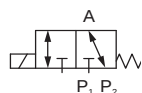
2/2-way valve,
direct acting,
normally closed

Circuit function B



2/2-way valve,
direct acting,
normally open

Circuit function T



3/2-way valve,
universal function

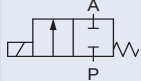
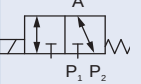
Technical Data	
Orifice	DN 2.0 mm, DN 3.0 mm
Body material	PEEK, PPS
Seal material	FFKM, FKM, EPDM
Medium	Resistant to neutral and aggressive gases and liquids acc. to our chemical resistance chart
Medium temperature	
FFKM	+15 °C to +50 °C
FKM	-10 °C to +50 °C
EPDM DN 2.0	-10 °C to +50 °C
EPDM DN 3.0	+5 °C to +50 °C
Ambient temperature	
FFKM	+15 °C to +55 °C
FKM	-10 °C to +55 °C
EPDM DN 2.0	-10 °C to +55 °C
FFKM DN 3.0	+5 °C to +55 °C
Internal volume	<470 µl
Port connection	Sub-base, UNF, G 1/8, Tube
Electrical connection	Flying leads, Rectangular plug
Power supply	24 V ¹⁾ , 12 V ¹⁾
Voltage tolerance	24V ±10% ²⁾ 12V +10% / -5% ²⁾
Nominal power consumption	13.6W inrush power 3.4W nominal holding power (internal power reduction)
Duty cycle	100% continuous rating
Installation	As required
Protection class	IP 40
Switching frequency	max. 2 Hz ³⁾
Response times ³⁾	
opening	Acc. DIN 12238 ca. 10 ms (Pressure rise 0-10%)
closing	ca. 15 ms (Pressure drop 100-90%)

¹⁾ Battery voltage, observe polarity (red= +, black = -)

²⁾ Max. allowed ripple

³⁾ with ambient temperature of 20° C

Ordering chart

Circuit function	Orifice [mm]	Port connection	Kv value water [m ³ /h] ¹⁾	Pressure range [bar] ²⁾	Max. pressure difference [bar]	Seal material	Body material	Electrical connection	Voltage/ Frequency [V/Hz]	Item no.
A  2/2-way valve, direct acting, NC	2.0	Sub-base	0.10	vac - 3 (vac - 5)	3 (5)	EPDM	PPS	Rectangular Plug ³⁾	12	247 769
				vac - 3 (vac - 3)	3 (3)	FFKM	PEEK	Flying Leads	24	247 771
				vac - 3 (vac - 4)	3 (4)	FKM	PPS		12	247 775
		UNF		vac - 3 (vac - 3)	3 (3)	FFKM	PEEK		Rectangular Plug ³⁾	24
				vac - 3 (vac - 4)	3 (4)	FKM		251 709		
				vac - 3 (vac - 3)	3 (3)	FFKM		252 770		
	G 1/8	vac - 3 (vac - 3)	3 (3)	FFKM	Flying Leads		234 278			
	3.0	Sub-base	0.19	vac - 2 (vac - 2)	2 (2)	EPDM	PPS	Rectangular Plug ³⁾	24	247 797
						FFKM	PEEK			238 530
						FKM	PPS			247 816
		UNF	0.15			FFKM	PEEK	Flying Leads	24	247 819
						FKM				251 711
						EPDM				252 771
		Tube	0.19			FFKM	PEEK	Rectangular Plug ³⁾	24	252 772
						EPDM				247 789
						FFKM				228 642
						FKM				247 810
FFKM						247 810				
2.0	Sub-base	0.10	vac - 3 (vac - 3)	3 (3)	FFKM	PEEK	Flying Leads	24	252 773	
			vac - 2 (vac - 2)	2 (2)					242 597	
	3.0	0.19	vac - 2 (vac - 2)	2 (2)	Rectangular Plug ³⁾		245 910			
T  3/2-way valve, direct acting, Universal version	2.0	Sub-base	0.10	vac - 3 (vac - 5)	3 (5)	EPDM	PPS	Rectangular Plug ³⁾	24	247 826
				vac - 3 (vac - 3)	3 (3)	FFKM	PEEK	Flying Leads	12	247 829
				vac - 3 (vac - 4)	3 (4)	FKM	PPS		24	247 841
		UNF		vac - 3 (vac - 3)	3 (3)	FFKM	PEEK	Rectangular Plug ³⁾	24	247 838
				vac - 3 (vac - 3)	3 (3)	FFKM				251 713
				vac - 3 (vac - 4)	3 (4)	FKM				252 774
	3.0	Sub-base	0.19	vac - 2 (vac - 2)	2 (2)	EPDM	PPS	Rectangular Plug ³⁾	12	247 851
						FFKM	PEEK	Flying Leads	24	247 853
						FKM	PPS	Rectangular Plug ³⁾	12	234 371
		UNF	0.15			EPDM	PEEK	Rectangular Plug ³⁾	24	238 531
						FFKM		Flying Leads		247 874
						FKM		247 877		
		Tube	0.19			EPDM	PEEK	Rectangular Plug ³⁾	24	252 775
						FFKM		Flying Leads		251 715
						FKM		247 872		
						EPDM		247 844		
						FFKM		247 859		
						FKM		247 858		
						247 869				

¹⁾ Measured at +20 °C, 1 bar pressure at value inlet and free outlet.²⁾ Measured as overpressure with respect to atmospheric pressure.³⁾ Please order the rectangular plug separately. For selection possibilities see accessories.**Note:** () Values in brackets are only for gas mediums.

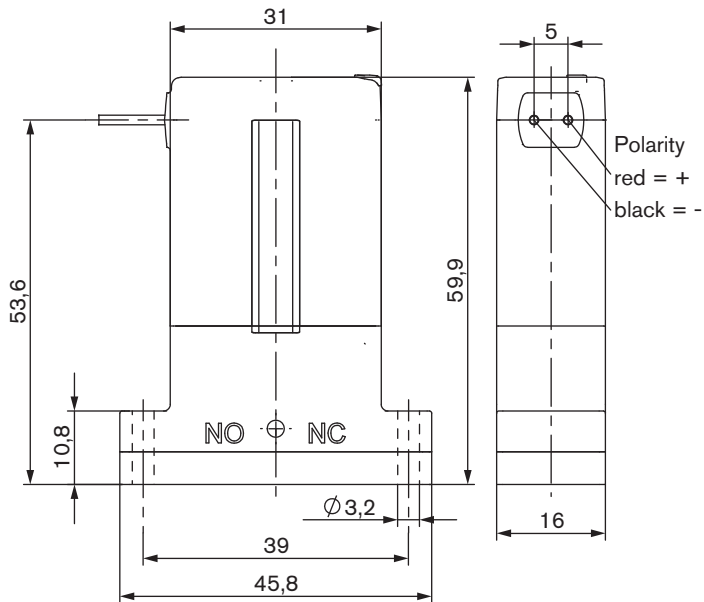
Ordering chart accessories

Rectangular plug Type 2505

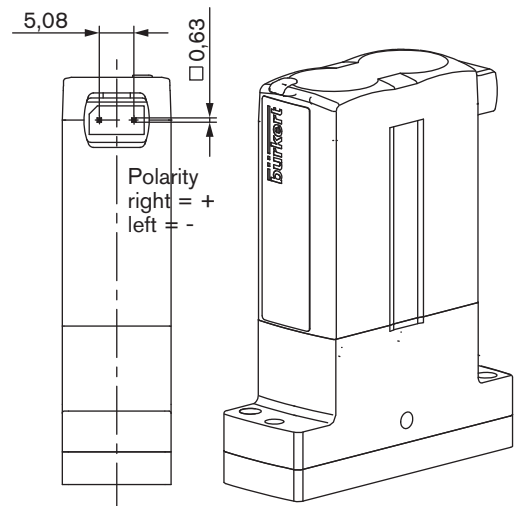
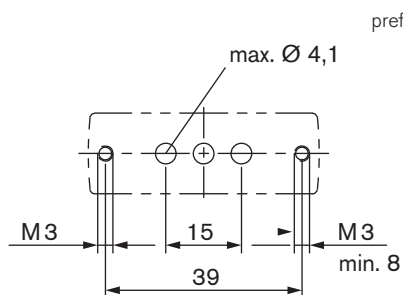
	Accessories	Item no.
	Rectangular plug with 3 m cable	133 486
	Rectangular plug with 300 mm flying leads	644 068
	Rectangular plug, single contact for individual mounting	644 067

Dimensions [mm]

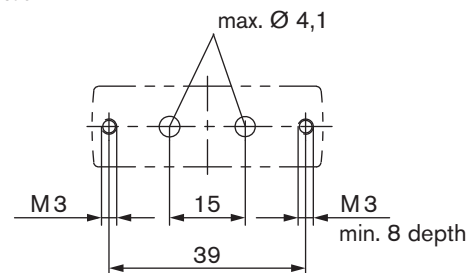
Electrical connections: flying leads



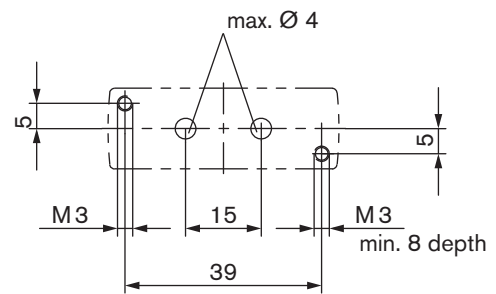
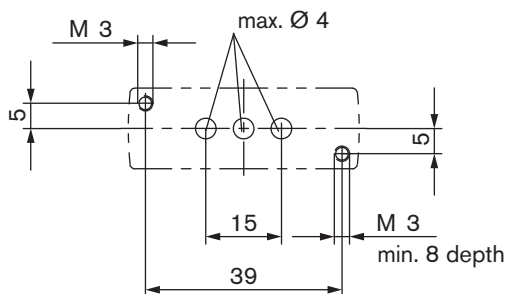
Electrical connections: rectangular plug

Sub-base body for
3/2-way connection

preferred threaded connection

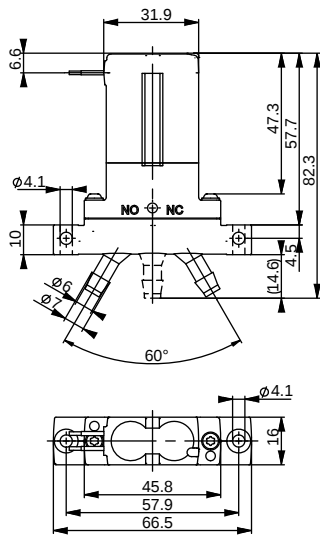
Sub-base body for
2/2-way connection

further possible threaded connection

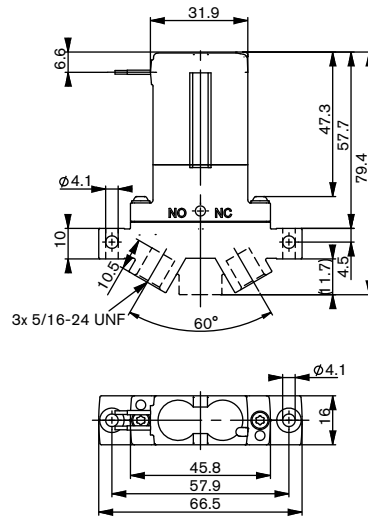


Dimensions [mm]

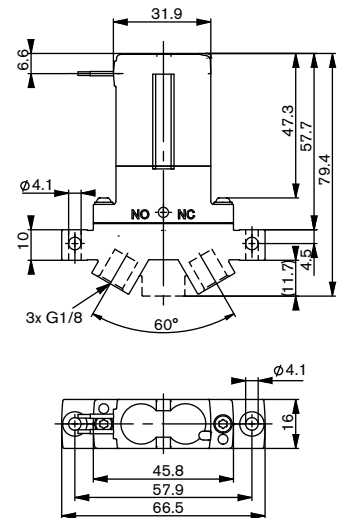
Body, tube connector



Body, UNF 5/16" -24



Body, G1/8



Application examples

Tube 2-way



UNF 2-way



Tube 3-way



UNF 3-way



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