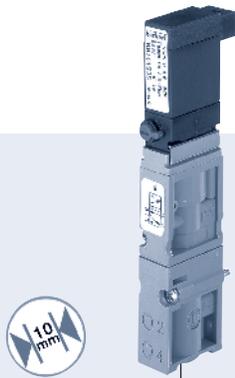
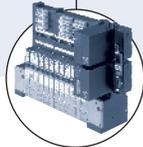


5/2-way Rocker Solenoid Valve for pneumatics



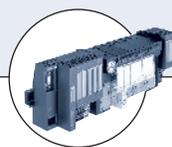
Type 6525 can be combined with...



Type 8640
Valve island



Type 2031
Diaphragm valve



Type 8644
Valve island



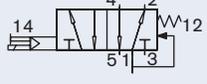
Type 0044
Cylinder

- Compact design
- Single and manifold mounting
- Low power consumption
- Rocker pilot in DC
- Fast response times

The Type 6525 consist of a pilot rocker valve Type 6104 and a pneumatic seat valve. The rocker principle allows switching of high pressures together with low power consumption and fast response times. All valves are equipped with manual override as a standard.

Technical data	
Orifice	DN 4.0
Body material	PA (polyamide)
Seal material	FPM, NBR and PUR
Media	Lubricated, oilfree, dry compressed air; neutral gases (5µm filter recommended)
Media temperature	14°F to 122°F (-10°C to +50°C)
Ambient temperature	14°F to 131°F (-10°C to +55°C)
Manual override	As a standard feature
Port connection	Flange for MP11
Pneumatic module	Type MP11 with M5, M7, push-in connection Ø 6 mm
Voltage tolerance	±10%
Cycling rate	approx. 1000 c.p.m.
Voltage	24 V DC
Nominal power	1 W
Duty cycle	Continuous operation (100% ED)
Electrical connection on valve	Rectangular plug with Raster 5.08 mm
Type of protection	IP 40 with rectangular plug
Protection class	3 acc. to VDE 0580
Weight	21 g
Mounting	with 2 screws M2x20
Installation	As required, preferably with actuator upright

Ordering chart for valves

Circuit function	Orifice [mm]	C _v	Q _{Nn} value air [l/min]	Pressure range [PSI]	Response time		Voltage/frequency [V/Hz]	Item no.
					Opening [ms]	Closing [ms]		
 H 5/2-way valve	4	0.28	300	14.5 - 101.5 ¹⁾	15	20	24 V DC	150 335
				36.25 - 101.5	15	20	24 V DC	144 935
				36.25 - 145	20	28	24 V DC	150 610

¹⁾ version with auxiliary pilot air

Flow rate Q _{Nn} value air [l/min]	Measured at 68°F (+20°C), 87 PSI pressure at valve inlet and 14.5 PSI pressure difference
Pressure values [PSI]	Measured as overpressure to the atmospheric pressure
Response times [ms]	Measured acc. to ISO 12238

Ordering chart for accessories

Accessory	Version	Features	Item no.	
Rectangular cable plug	Raster 5.08 mm	with 3 m cable	133 486	
		with 300 mm flying leads	644 068	
		with 2 single contacts	644 067	
Protective cover for 5/2-way valve position	complete	for 1 unused valve position	650 373	
Pneumatic connector module	left	Push-in connection Ø 10 mm	144 752	
		G 1/4	144 750	
		NPT 1/4	144 751	
	right	Push-in connection Ø 10 mm	144 755	
		G 1/4	144 753	
		NPT 1/4	144 754	
Pneumatic basic module MP11, 2 valve wide	Push-in connection Ø 6 mm	without check valve	144 903	
		with check valve in R	144 909	
		with check valve in R and S	144 906	
		without check valve	144 904	
		with check valve in R	144 910	
		with check valve in R and S	144 907	
	Connection M5	without check valve	144 905	
		with check valve in R	144 911	
		with check valve in R and S	144 908	
	Pneumatic basic module MP11, 8 valve wide	Push-in connection Ø 6 mm	without check valve	144 912
			with check valve in R	144 918
			with check valve in R and S	144 915
without check valve			144 913	
with check valve in R			144 919	
with check valve in R and S			144 916	
Connection M5		without check valve	144 914	
		with check valve in R	144 920	
		with check valve in R and S	144 917	

