


3/2 and 4/2-way Solenoid Valve for pneumatic systems

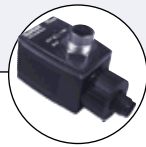


- Compact design
- Reduced power consumption
- High cycle rocker pilot
- Various pneumatic connections available
- Approvals: 

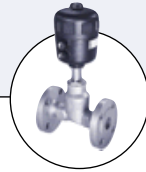
Type 5470 E can be combined with...



Type 2506
Cable plug



Type 2510/2511
ASI cable plug



Type 2012
Single-seat globe valve



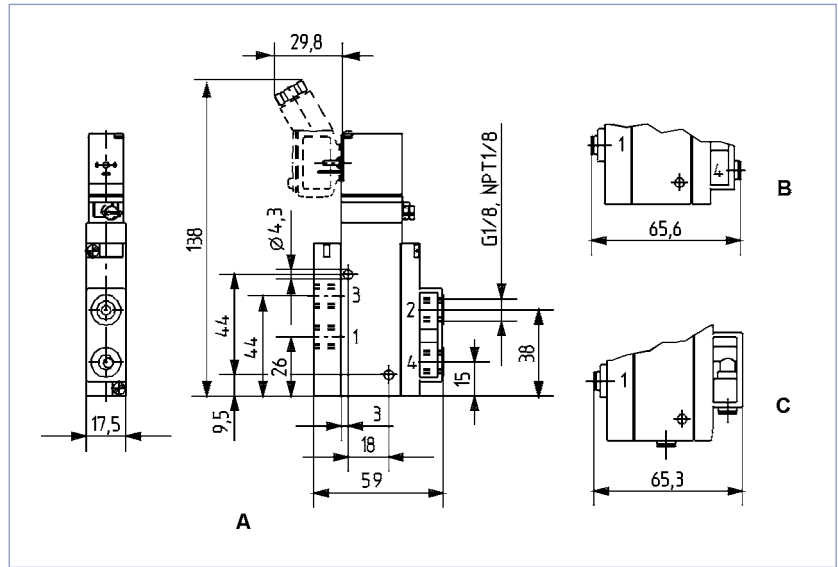
Type 0044
Pneumatic cylinder

The Type 5470 E is available as a 3/2 and 4/2-way valve. The valve can be used as a single valve in a variety of applications. Numerous pipe connections variants exist.

Technical data	
Orifice	DN 4.0 mm
Body material	Polyamide (PA)
Valve internals	Ultramide
Seal material	NBR
Media	Compressed air, neutral gases
Media temperature	+14 to 122 °F (-10 to +50 °C)
Ambient temperature	+14 to 131 °F (-10 to +55 °C)
Port connection 1 to 4 (versions)	NPT 1/8, G 1/8 Tube connection SL 6/4 mm Push-in connection 1/4 OD tube Ø 6 mm
Voltage tolerance	±10%
Power consumption	2W, 3W (refer to the effective coil power in the Ordering Table.)
Duty cycle	100% continuous rating
Electrical connection	Spade connector acc. to DIN 43 650 Form C for cable plug type 2506 (see Accessories)
Protection class	IP 65 with cable plug
Type of protection	EEx ia IIC T6 on request
Installation	As required, preferably with actuator upright
Approvals	UL Recognized

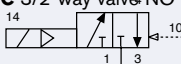
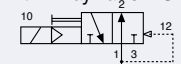
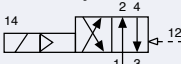
Dimensions [mm]

Dimensions [mm]	
Version	Port connection
A	Threaded connection NPT 1/8, G 1/8
B	Push-in connection 1/4" OD tube
C	Push-in connection 1/4" OD tube, service ports 2 and 4 downwards



Ordering chart for valves (other versions on request)

Single valves with different port connections, tag connector on the side, without cable plug (see Accessories)

Circuit function	Orifice [mm]	Cv [gpm]	QN-value air [l/min]	Pressure range [psi]	Port connection (1 and 3 as well as service ports 2 and 4 (see drawing for the versions))	Voltage/frequency [V/Hz]	Coil effective power [W]	Item no.
C 3/2-way valve NC 	4.0	0.32	300	29 – 145	Push-in coupling 1/4" O.D. tubing downwards	024/DC	2	458 358 T
						110–120/DC	3	458 359 U
						220–240/DC	3	458 360 Z
D 3/2-way valve NO 	4.0	0.32	300	29 – 145	Push-in coupling 1/4" O.D. tubing downwards	024/DC	2	458 361 N
						110–120/DC	3	458 362 P
						220–240/DC	3	458 363 Q
G 4/2-way valve 	4.0	0.32	300	29 – 145	Threaded port 1/8" NPT in front	024/DC	2	458 352 M
						110–120/DC	3	458 353 N
						220–240/DC	3	458 354 P
					Push-in coupling 1/4" O.D. tubing in front	024/DC	2	458 355 Q
						110–120/DC	3	458 356 R
						220–240/DC	3	458 357 J
					Push-in coupling 1/4" O.D. tubing, in front impulse version	024/DC	1	458 383 D
Threaded port 1/8" NPT in front impulse version	024/DC	1	458 382 C					

Accessories

Ordering chart for accessories		
Accessory part	Description	Item no.
Cable plug type 2506 ¹⁾	without circuit, 0 - 250 V	008 353 P
Cable plug type 2506 ¹⁾	with rectifier and varistor, 12 - 240 V	008 412 T
Cable plug type 2506 ¹⁾	with LED, 12 - 24 V	008 402 A
Cable plug type 2506 ¹⁾	with LED and varistor, 12 - 24 V	008 408 Q
Cable plug type 2506 ¹⁾	with LED, rectifier and varistor, 12 - 24 V	008 354 Q
Cable plug type 2506 ¹⁾	with LED, rectifier and varistor, 110 - 120 V	008 355 R
Cable plug type 2506 ¹⁾	with LED, rectifier and varistor, 200 - 240 V	008 356 J

¹⁾ With these accessories, only a partial list of possible cable plugs with built-in circuit functions are mentioned. For other versions see data sheet Type 2506. A flat seal and mounting screw come with each cable plug.

Cable plug Type 2509 (pin assignment per DIN 43650, Form C)

