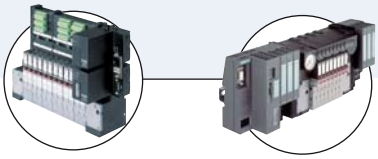
bürkert
FLUID CONTROL SYSTEMS



5/2- and 5/3-way Solenoid Valves for process pneumatics

- 11 mm width/station
- Compact design
- Block mounting
- Fast response times



Type 8640
Valve island

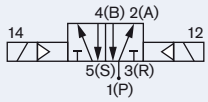
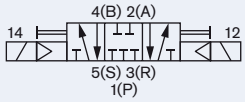
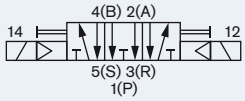
Type 8644
Valve island

The solenoid valve Type 0460 consists of a servo controled solenoid valve with a double coile and a pneumatic slide valve. The 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	
Body material	Aluminium
Seal material	NBR
Medium	lubricated and non lubricated dry compressed air; neutral gases (5µm filter recommended)
Port connections	Flange
Pneumatic module	MP11
Supply port connection 1 (P), 3 (R), 5 (S)	G 1/4 NPT 1/4
Service port 2 (A), 4 (B)	Push-in connection Ø 6 mm push-in connection Ø 1/4" Threaded port M7
Power supply	24 V/DC
Electrical connection at the valve	Rectangular plug
Manual override	standard
Flow rate: QNn value air [l/min]	Measured at +20°C, 6 bar pressure at valve inlet and 1 bar pressure difference
Pressure values [bar]	Measured as overpressure to the atmospheric pressure
Response times [ms]	Measured according to ISO 12238

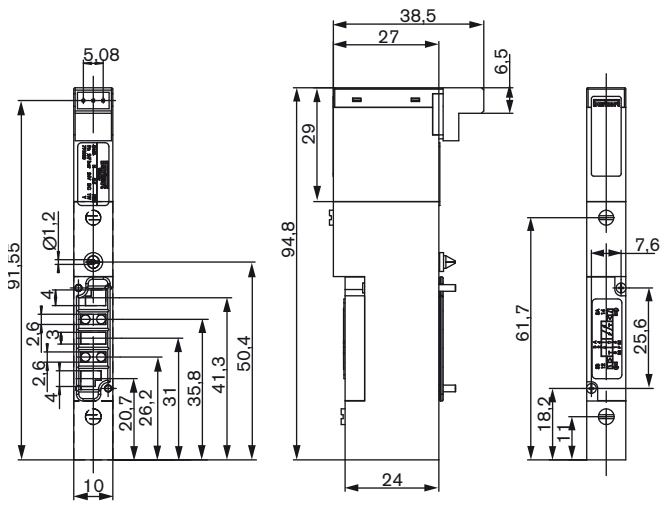
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Ordering chart for valves

Circuit function	Orifice [mm]	QNn value air [l/min]:	Pressure range [bar]	Nominal power [W]	Response times OPENING [ms]	Response times Closing [ms]	Item no.
H  5/2-way valve, pilot-controlled, Impulse version	2,5	200	2,0-7,0	1	15	15	154 183
L  5/3-way-valve, pilot-controlled, in middle position all ports locked	2,5	200	2,0-7,0	1	15	20	154 184
N  5/3-way-valve, pilot-controlled, in middle position port 2 and 4 exhausted	2,5	200	2,0-7,0	1	15	20	154 185

Dimensions [mm]

5/2-way impulse and 5/3-way-Version with circuit function H-impulse, L and N



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In case of special application conditions, please consult for advice.

We reserve the right to make technical changes without notice.

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