

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

**Type 8640**

Valve island

Type 8644

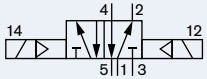

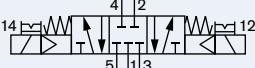



Valve island

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

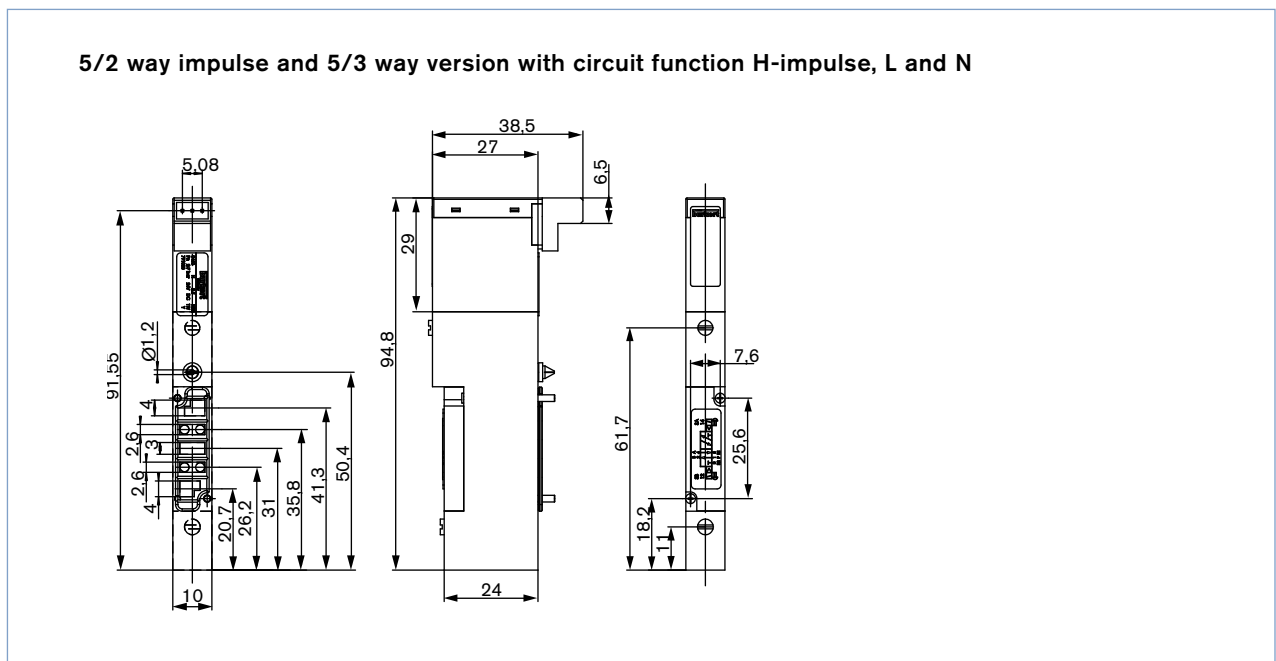
The solenoid valve Type 0460 consists of a servo controlled solenoid valve with a double coil and a pneumatic slide valve. The principle allows switching of high pressures together with low power consumption and fast response times. All valves are equipped with manual override as a standard.

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 ¼ NPT ¼
Service port 2 (A), 4 (B)	Push-in connection Ø 6 mm push-in connection Ø ¼" Threaded port M7
Power supply	24 V DC
Electrical connection at the valve	Rectangular plug
Manual override	standard
Flow rate: Q_{Nn} 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

Ordering chart for valves

Circuit function	Orifice [mm]	Q _{val} value air [l/min]:	Pressure range [bar]	Nominal power [W]	Response times		Item no.
					OPENING [ms]	Closing [ms]	
<p>Z</p>  <p>5/2 way valve, pilot-controlled, Impulse version</p>	2.5	200	2.0... 7.0	1	15	15	154183 
<p>L</p>  <p>5/3 way solenoid valve, in middle position all ports locked, with manual override</p>	2.5	200	2.0... 7.0	1	15	20	154184 
<p>N</p>  <p>5/3 way valve, in middle position ports 2 and 4 open, with manual override</p>	2.5	200	2.0... 7.0	1	15	20	154185 

Dimensions [mm]



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

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