



Design

This 5/2-way double solenoid valve with push-in fitting is bolted onto a function plate which is equipped with a P port and silencer. The four electrical connections are equipped with safety connectors. The unit is mounted on the profile plate using a snap-lock system with a blue lever (mounting variant "A").

Function

The double solenoid valve is reversed when voltage is applied to a solenoid coil and remains in this switching position after the signal is removed until an opposed signal is applied. The presence of switching signals is shown by the LEDs in the terminal housings. The valve is equipped with a manual override.

Note

The solenoid coil is characterised by very low power consumption and low heat generation. The electrical connections incorporate protection against incorrect polarity for the LEDs and protective circuits.

167076

5/2-way double solenoid valve

Technical data

Pneumatic	
Medium	Compressed air, filtered (lubricated or unlubricated)
Design	Spool valve, pilot-actuated
Pressure range	150 – 800 kPa (1.5 – 8 bar)
Switching time at 600 kPa (6 bar)	10 ms
Standard nominal flow rate	500 l/min
Connection	QS-1/8-4-I fittings for plastic tubing PUN 4 x 0.75

Electrical	
Voltage	24 V DC
Power consumption	1.5 W
Duty cycle	100 %
Connection	For 4 mm safety connector plug and 2-way jack plug