

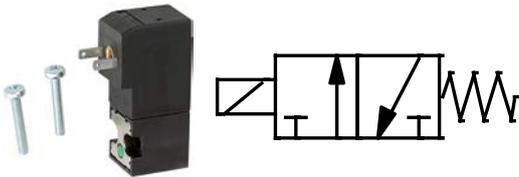
3/2-way mini solenoid valve

3/2-way type

PLUS

Art. No. 106643

Type No. MV 1051.3



Exemplary illustration

Directly controlled 3/2-way solenoid valves specially designed for pneumatic applications. These valves are provided with a flange for assembly on an individual base or multiple manifold base. They feature a monostable manual operator. The scope of supply includes two fixing bolts and a flange gasket. The coils can be turned 180°.

Technical data

Operating pressure	0 - 7 bar
Temperature range	-10 to 50 °C
Material	plastic
Sealant	NBR, stainless steel
Type of construction	directly controlled
Connection	for plug connector
Function	3/2 NC
Operation	electric with manual control
Plate on manual operator	Silver
Applications	For assembly on manifold base
Manual control	non-latching
Medium	filtered, unlubricated compressed air
Nominal Ø	1.5 mm
Flow rate measurement	flow rate at 6 bar and Δp 1 bar
Flow rate	50 NI/min
Switching frequency	max. 2400/min
Lifetime	50 million switching operations
Voltage	24 V DC
Voltage fluctuation max. permissible	-5% / +10%
Protection IP	IP 00 (without attached plug connector) IP 65 (with correct attached plug connector)
Power input	2.5 W
Opening and closing times	10 to 12 ms (depending on pressure)
Width	15.0 mm

Technical data

Height	42.0 mm
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Important: The scope of supply does not include a connector. Please order separately.

Commercial data

Customs tariff number	84812090
Country of origin	IT
eCl@ss 5.1.4	27220601
eCl@ss 9.0	27220601
UNSPSC_Code_v190501	40141605
UNSPSC_CodeDesc_v190501	Solenoid valves

Material informations

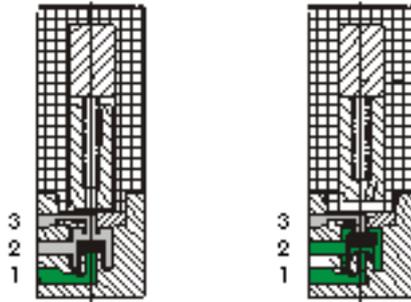
REACH SVHC1 substance name	no
CAS no. SVHC 1	no CAS No.
RoHS materials notice	RoHS compliant
REACH Info	no SVHC substance included

Materials

Part	Material
Body	PA
Seals	NBR
Manifold base conn. surface	Stainless steel
Fastener	Aluminium
Manifold base	Aluminium

Function diagram

3/2 NC



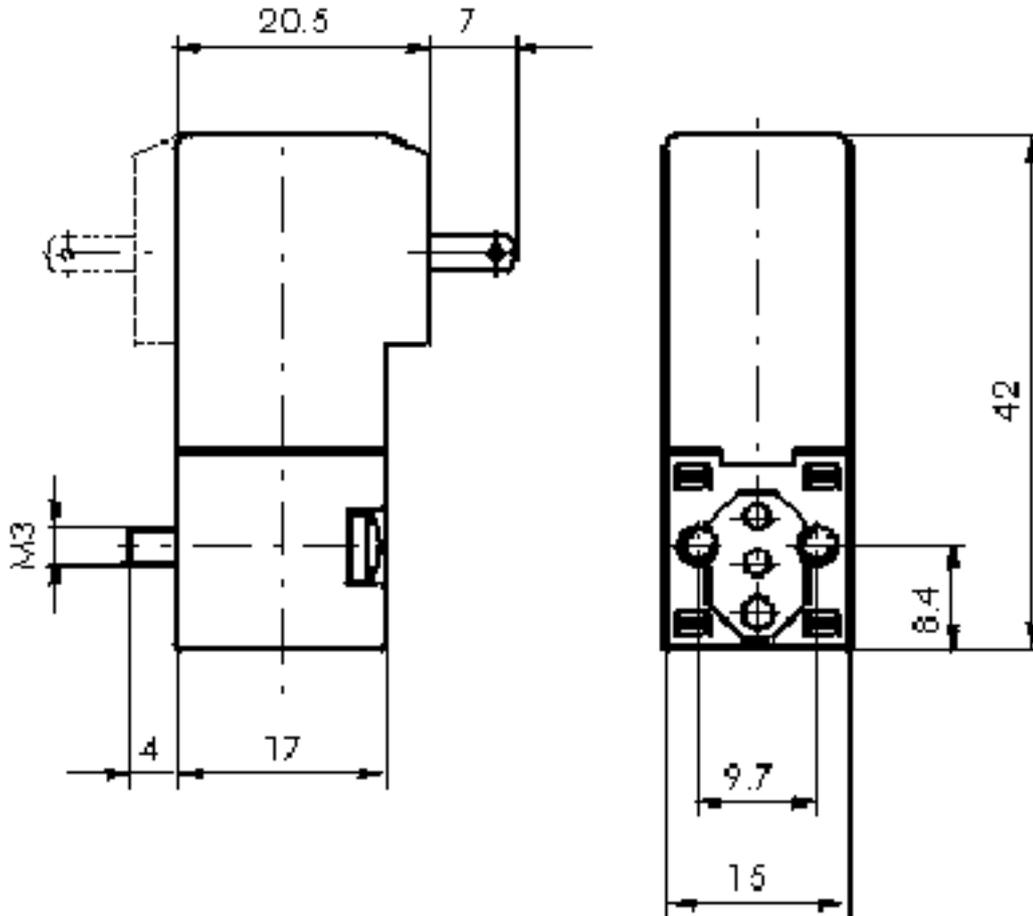
Position 1
(normal position)

Position 2

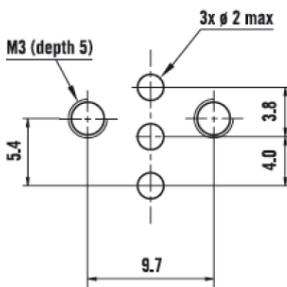
1	Pressure input
2	Application
3	Exhaust air

Dimensions

Plug connection (linear)



Connection geometry



Accessories

	Art. No.	Type No.
Series base plate 2-fold, M5 for mini solenoid valve 15 mm	106651	1099.02
Series base plate 3-fold, M5 for mini solenoid valve 15 mm	106652	1099.03

Accessories

	Art. No.	Type No.
Series base plate 4-fold, M5 for mini solenoid valve 15 mm	106653	1099.04
Series base plate 5-fold, M5 for mini solenoid valve 15 mm	106654	1099.05
Series base plate 6-fold, M5 for mini solenoid valve 15 mm	106655	1099.06
Series base plate 7-fold, M5 for mini solenoid valve 15 mm	106656	1099.07
Series base plate 8-fold, M5 for mini solenoid valve 15 mm	106657	1099.08
Series base plate 9-fold, M5 for mini solenoid valve 15 mm	106658	1099.09
Series base plate 10-fold, M5 for mini solenoid valve 15 mm	106659	1099.10
Equipment plug for mini solenoid valve 15 mm, PG 9 C shape, DIN 43650 C	106660	1051.300