

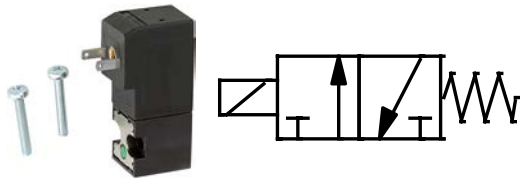
Miniature solenoid valves

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

Operation	electric
Type of construction	directly controlled
Function	3/2 NC
Version	for plug connector
Connection	flange
Voltage	24 V DC
Voltage fluctuation max. permissible	-5% / +10%
Coil power	2.5 W
Lifetime	50 million switching operations
Protection IP	IP 00 (without attached plug connector) IP 65 (with correct attached plug connector)
Pilot air supply	no (directly controlled)
Scope of delivery	without connector, with 2 screws and 1 flange gasket
Plate on manual operator	Silver
Opening and closing times	10 to 12 ms (depending on pressure)
Switching frequency	max. 2400/min
Nominal Ø	1.5 mm
Flow rate measurement	flow rate at 6 bar and Δp 1 bar
Flow rate	50 NI/min
Medium	filtered, unlubricated compressed air
Operating pressure	0 - 7 bar
Temperature range	-10 to 50 °C
Material	plastic
Sealant	FPM

Technical data

Manual control	non-latching
Applications	For assembly on manifold base
Width	15.0 mm
Height	42.0 mm

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

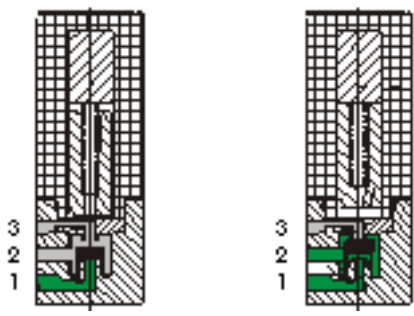
RoHS materials notice	RoHS compliant
REACH Info	no SVHC substance included

Materials

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

Function diagram

3/2 NC



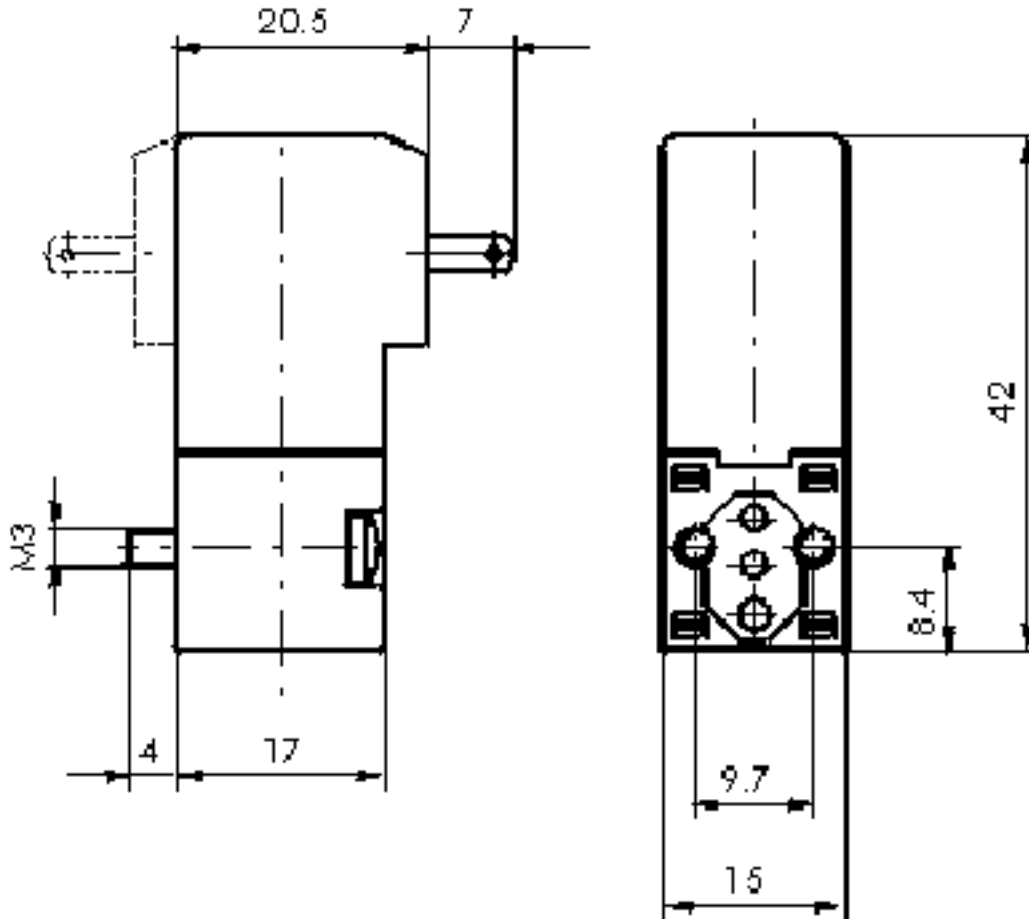
Position 1
(normal position)

Position 2

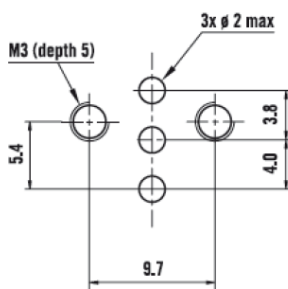
1	Pressure input
2	Application
3	Exhaust air

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