Valves

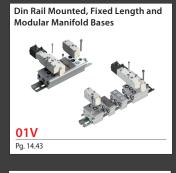




























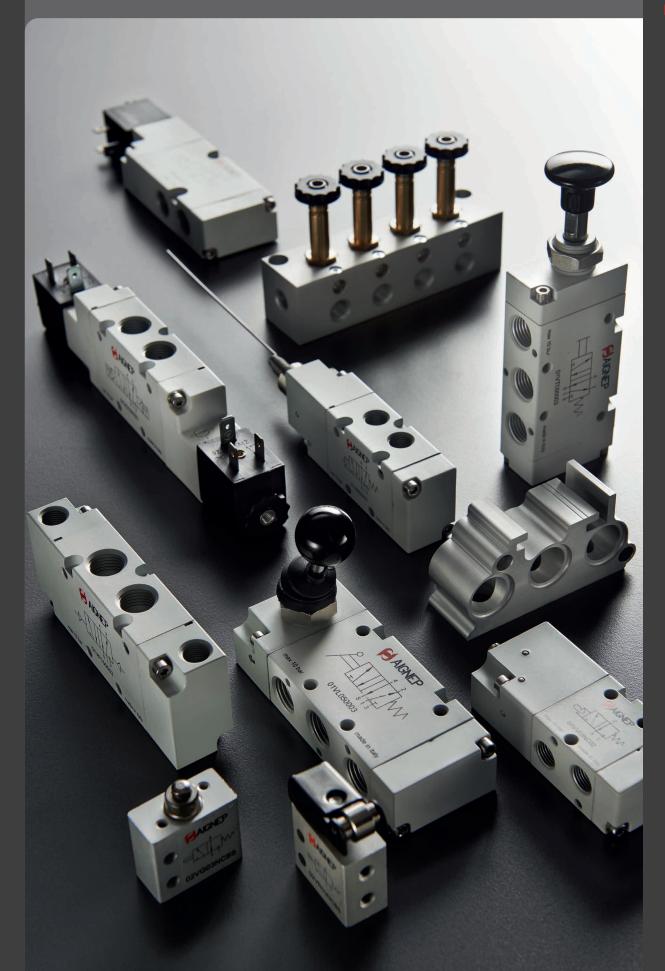








MANUAL, MECHANICAL, AIR PILOT AND SOLENOID PILOT VALVES







VALVES ISO 5599 - SIZE 2













Reference Standard

1907/2006 REACH✓









Component Parts and Materials

- Anodised aluminium body
- Nickel-plated spool
- NBR seals

RATE with Δp 1 bar		2500 NI/min
OPERATING PRESSURE	Monostable	2.5 ÷ 10 bar 36.2 ÷ 145 psi
	Bistable	1 ÷ 10 bar 14.5 ÷ 145 psi
	min	-10 ℃ 14 °F
TEMPERATURE	max	+60 ℃ 140 ℉
POWER		3W - 5VA
ONTROL		Two stable positions
	Manastabla	TRA = 35 ms
RESPONSE TIME	Monostable	TRR = 60 ms
	Bistable	TRA=TRR = 90 ms
	JIRE POWER DNTROL	PRESSURE Monostable Bistable min max POWER DITROL Monostable Mono

TRA = Response time with energised coil

 $\begin{cases} TRR = Response time with deenergised coil \end{cases}$

Series

Actuation

Reactuation

Ways

Function

1 V

S

0

CC = Normally closed

 $\begin{bmatrix} \mathbf{0} & \mathbf{0} \end{bmatrix}$

S = Solenoid

0 = Monostable spring return 1 = Bistable

5 = 5/2 **7** = 5/3

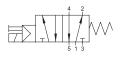
7

OC = Normally exhausted PC = Normally pressurized

00 = Function not provided

5/2

MONOSTABLE SPRING RETURN



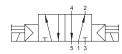
Part No.	Ways	Pack.
11V S0 5 00 00	5/2	1



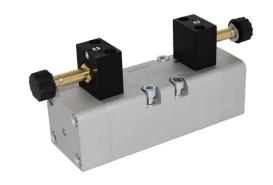


5/2

TWO STABLE POSITIONS

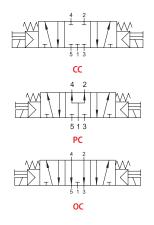


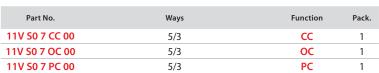
Part No.	Ways	Pack.
11V S1 5 00 00	5/2	1



5/3

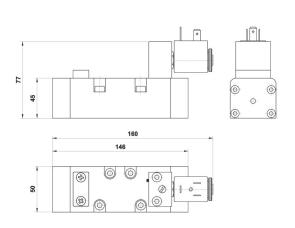
MONOSTABLE SPRING RETURN



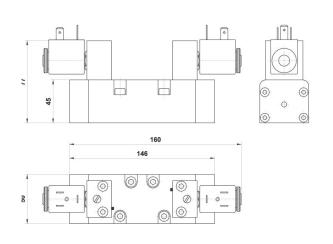




11V S0 5 00 00



11V S1 5 OO 00 11V S0 7 OC 00 11V S0 7 CC 00 11V S0 7 PC 00





All the bases are supplied with screws and seals to secure the correct assembly.

FRONT TERMINAL



MODULAR BASE



11V R1 0 00 00	Part No.	Pack.
	11V B1 0 00 00	2

Part No.	Pack.
11V B3 0 00 00	1

INDIVIDUAL BASE



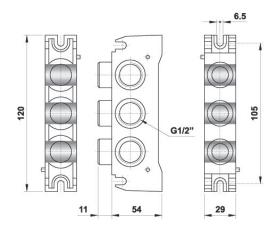




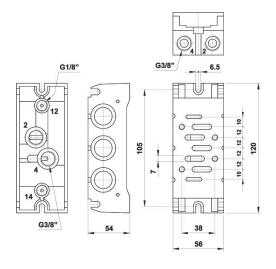
Part No.	Pack.
11V B5 0 00 00	1

Part No.	Pack.
11V B9 0 00 00	1

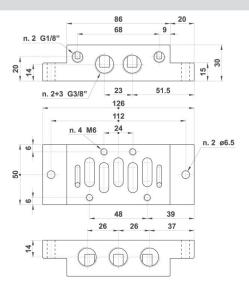
11V B1 0 00 00



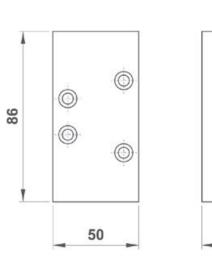
11V B3 0 00 00



11V B5 0 00 00



11V B9 0 00 00



20



Directive 2014/34/UE (ATEX)

The valves and accessories of the Series 01VP - 01VT - 01VL - 01VV - 01VN - 01VBxx - 08VP - 01VA - 01VS - 07VS - 07VB - 08VS show the following features:

II 2 GD c T6 -10°C<Tamb<60°C

II 2 GD: Device for surface installations (II = do not use device in mining) with presence of gas, vapors of powders of category 2 (equipment with high safety factor since it excludes danger of explosion, even in case of damage; it can be used in areas with possible explosive environments).

c: Devices are constructively safe

T6 – 10°C<Tamb<60°C: Surface temperature class and additional marking for T usage environment.





See Instructions and Certificate at:

WWW.AIGNEP.COM

MAIGNEP	11V
NOTES	