



Reference Standard

1907/2006
REACH ✓

2011/65/CE
RoHS ✓

PED
2014/68/UE

16 mm

Flow rate:
553 → 706 NI/min


Component Parts and Materials

- Body: anodised aluminium
- Spool in nickel-plated aluminum
- Piston & Spool Seals in Elastomer
- Springs: Stainless steel AISI 302

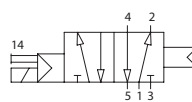
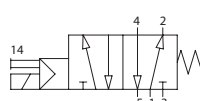
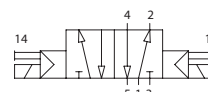
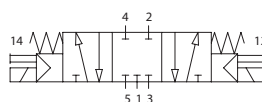
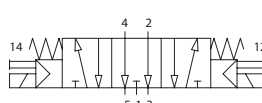
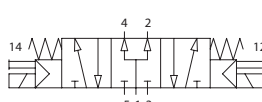
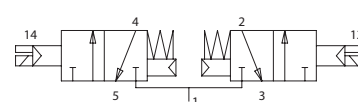
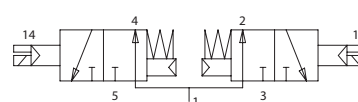
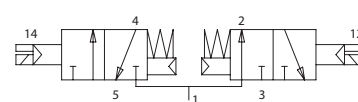


Threaded connections

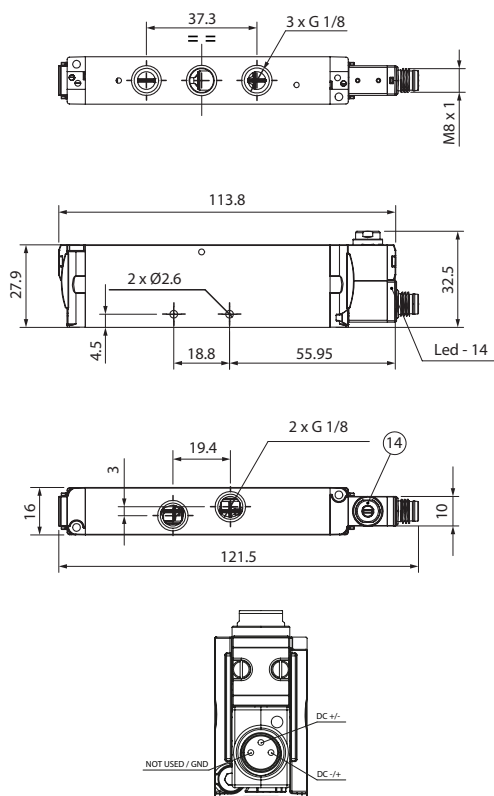
- Integrated electrical connection system
- IP65 protection
- 16 mm thickness
- Usage connections with female threads machined in the valve body
- Quick, fast and with few elements of the solenoid valve roup



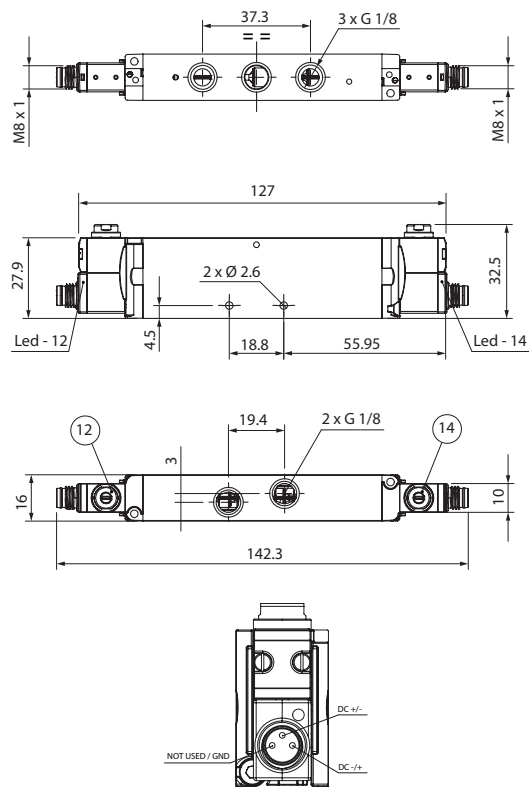
	TYPE OF SOLENOID VALVE				Elastomer sealing		
	THREADED				G 1/8 - ISO 228		
	FLUIDS				Air		
	OPERATING PRESSURE	Monostable pneumatic spring return			1.5 ÷ 7 bar		
		Monostable mechanical spring return			3 ÷ 7 bar		
		2-way valve bistable			1 ÷ 7 bar		
		3-way valve			2 ÷ 7 bar		
		5/4-way valve double (3/2)			1.5 ÷ 7 bar		
	OPERATING TEMPERATURE				-5 ÷ 50 °C Without freezing		
	MANUAL CONTROL				Rotating with lock		
	WITH PILOT EXHAUST				Individual discharge to atmosphere		
	SUGGESTED FILTRATION	≤ 20 µm		LUBRIFICAZIONE	Not necessary		
	TYPE OF INTERFACE				Male connector M8		
	PROTECTION DEGREE				IP65 with connector attached		
	VOLTAGE	24 VDC			POWER CONSUMPTION		1.3 W
	ALLOWABLE VOLTAGE FLUCTUATIONS (V)	±10% of nominal voltage			MAX SWITCHING FREQUENCY		3 Hz
	VISUAL SIGNAL OF PILOT VALVE				LED		
	SWITCHING TIMES		5/4	5/2 Pneumatic return	5/2 Spring return	5/2 Bistable	5/3 Monostable
		Switching time on (ms) OUT (2)	11	21	17	14	17
		Switching time on (ms) OUT (4)	19	-	-	19	31
		Switching time off (ms) OUT (2)	26	-	-	-	-
		Switching time off (ms) OUT (4)	41	44	56	-	-

	Code	Way	Flow rate	Size	
MONOSTABLE WITH PNEUMATIC SPRING RETURN					
	14V S4 5 00 02	5/2	706 NI/min	1/8	
MONOSTABLE MECHANICAL SPRING RETURN					
	14V S0 5 00 02	5/2	706 NI/min	1/8	
On request					
BISTABLE					
	14V S1 5 00 02	5/2	706 NI/min	1/8	
MONOSTABLE MECHANICAL SPRING RETURN					
	14V S0 7 CC 02	5/2 C.C.	591 NI/min	1/8	
	14V S0 7 OC 02	5/2 O.C.	705 NI/min	1/8	
	14V S0 7 PC 02	5/2 P.C.	680 NI/min	1/8	
C.C. = closed centres O.C. = open centres P.C. = pressurized centres					
DOUBLE 3/2 MONOSTABLE MECHANICAL SPRING RETURN					
	14V S0 8 NC 02	3/2 NC + 3/2 NC	553 NI/min	1/8	
	14V S0 8 NO 02	3/2 NO + 3/2 NO	620 NI/min	1/8	
	14V S0 8 NN 02	3/2 NC + 3/2 NO	553 NI/min	1/8	

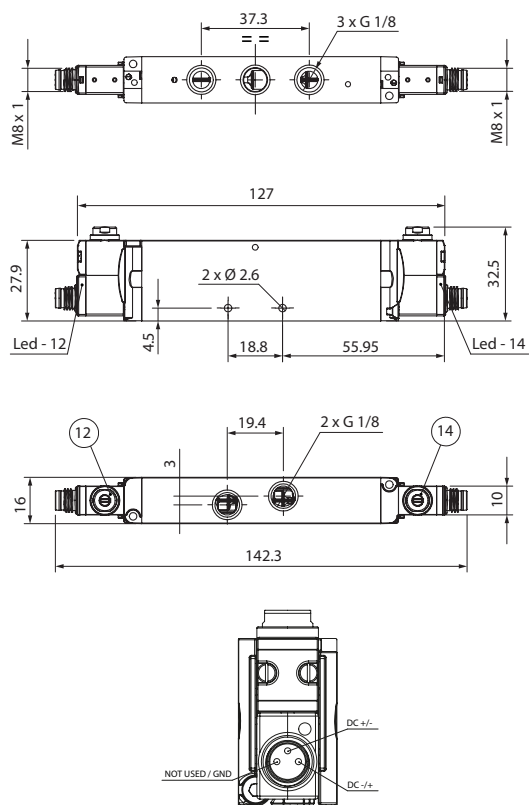
14V S4 5 00 02 14V S0 5 00 02



14V S1 5 00 02



14V S0 7 CC 02 14V S0 7 OC 02 14V S0 7 PC 02
14V S0 8 CC 02 14V S0 8 OC 02 14V S0 8 PC 02



NOTES

New

SERIES 14V - PNEUMATIC VALVE



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16 mm

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- 16 mm thickness
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	THREADED				G 1/8 - ISO 228		
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		2-way valve bistable			1 ÷ 7 bar		
		3-way valve			2 ÷ 7 bar		
		5/4-way valve double (3/2)			1.5 ÷ 7 bar		
	OPERATING TEMPERATURE				-5 ÷ 50 °C Without freezing		
	WITH PILOT EXHAUST				Individual discharge to atmosphere		
	SUGGESTED FILTRATION	≤ 20 µm		LUBRIFICAZIONE		Not necessary	
	PROTECTION DEGREE				IP65 with connector attached		
	SWITCHING TIMES		5/4	5/2 Pneumatic return	5/2 Spring return	5/2 Bistable	5/3 Monostable
		Switching time on (ms) OUT (2)	11	21	17	14	17
		Switching time on (ms) OUT (4)	19	-	-	19	31
		Switching time off (ms) OUT (2)	26	-	-	-	-
		Switching time off (ms) OUT (4)	41	44	56	-	-

Code	Way	Flow rate	Size	Size (12) (14)
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MONOSTABLE WITH PNEUMATIC RETURN

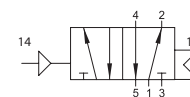
14V P4 5 00 02

5/2

706 NI/min

1/8

M5x0.8


MONOSTABLE MECHANICAL SPRING RETURN

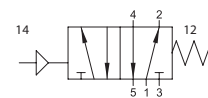
14V P0 5 00 02

5/2

706 NI/min

1/8

M5x0.8



On request

BISTABLE

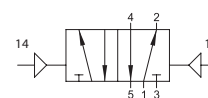
14V P1 5 00 02

5/2

706 NI/min

1/8

M5x0.8

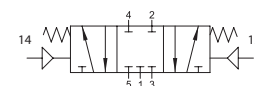

MONOSTABLE MECHANICAL SPRING RETURN
14V P0 7 CC 02

5/3 **C.C.**

591 NI/min

1/8

M5x0.8

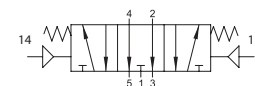

14V P0 7 OC 02

5/3 **O.C.**

705 NI/min

1/8

M5x0.8

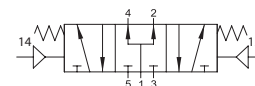

14V P0 7 PC 02

5/3 **P.C.**

680 NI/min

1/8

M5x0.8


C.C. = closed centres **O.C.** = open centres **P.C.** = pressurized centres

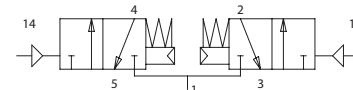
DOUBLE 3/2 MONOSTABLE MECHANICAL SPRING RETURN
14V P0 8 NC 02

3/2 NC
+
3/2 NC

553 NI/min

1/8

M5x0.8

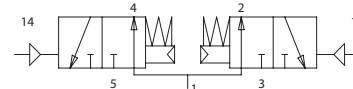

14V P0 8 NO 02

3/2 NO
+
3/2 NO

620 NI/min

1/8

M5x0.8

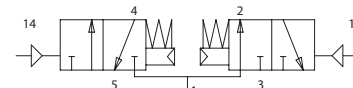

14V P0 8 NN 02

3/2 NC
+
3/2 NO

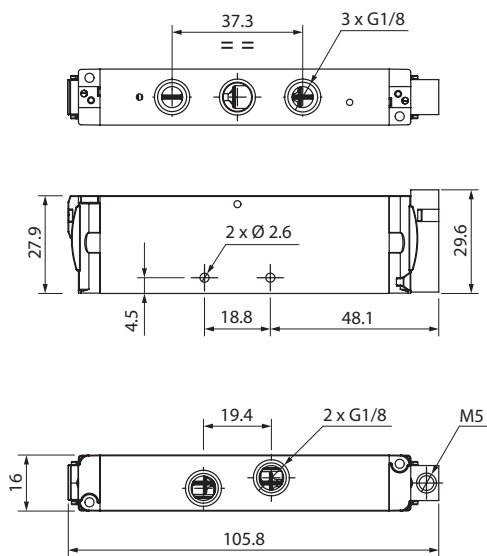
553 NI/min

1/8

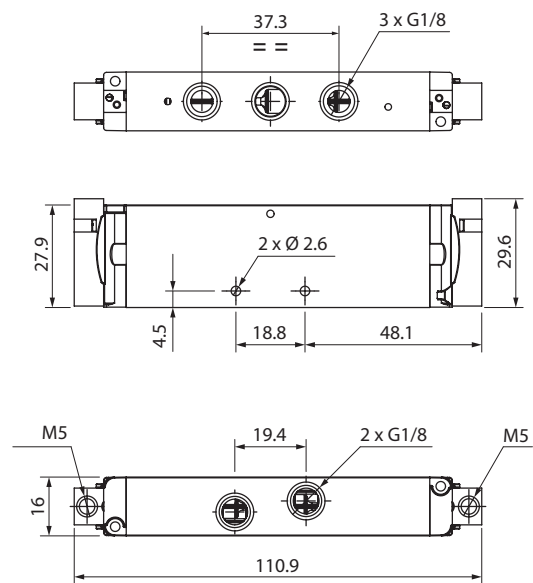
M5x0.8



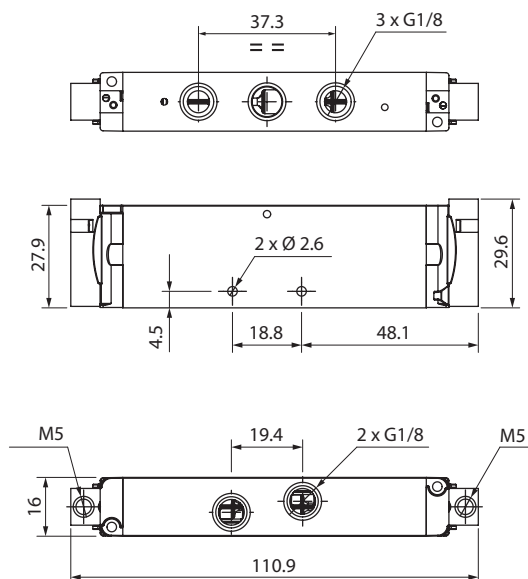
14V P4 5 00 02 14V P0 5 00 02



14V P1 5 00 02



14V P0 7 CC 02 14V P0 7 OC 02 14V P0 7 PC 02
14V P0 8 CC 02 14V P0 8 OC 02 14V P0 8 PC 02



	Code	Screw tightening torque	Weight g
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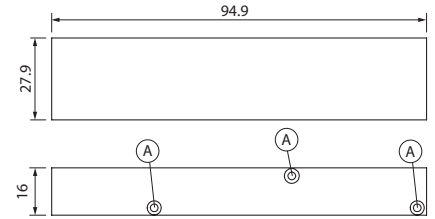
PLUG FOR UNUSED POSITIONS



14V 06 00 11 00 00

(A) 0.6 N

118.5



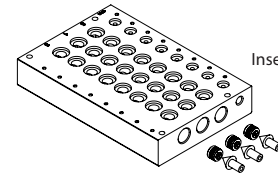
SEPARATION CAP FOR SUPPLY AND EXHAUST DUCTS



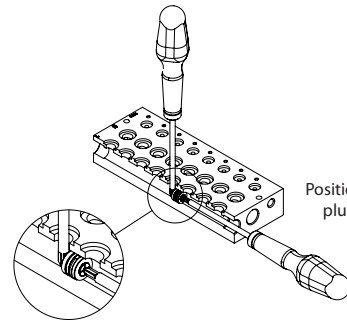
16V 39 0 00 00

0.6 N

4.3



Insert the separating plug



Position the separating plug and tighten the screw to secure it

PNEUMATIC BASE

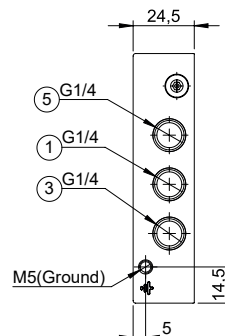
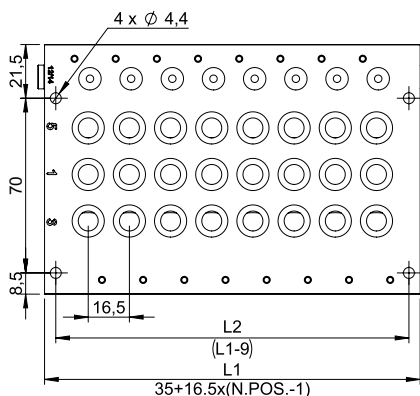


Code	Size (1) (3) (5)	N° Pos.	L1	L2	Weight
14VB0 00 0 02	1/4	2	51.5	42.5	300 g
14VB0 00 0 03	1/4	3	68	59	399 g
14VB0 00 0 04	1/4	4	84.5	75.5	498 g
14VB0 00 0 05	1/4	5	101	92	597 g
14VB0 00 0 06	1/4	6	117.5	108.5	696 g
14VB0 00 0 07	1/4	7	134	125	795 g
14VB0 00 0 08	1/4	8	150.5	141.5	895 g
14VB0 00 0 09	1/4	9	167	158	994 g
14VB0 00 0 10	1/4	10	183.5	174.5	1093 g



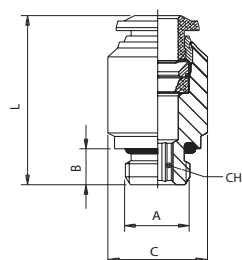
Technical drawing of pneumatic base

- The bases are supplied complete with screws and O-rings for securing the valves.
- 1 Supply
- 3/5 Exhaust



50015N

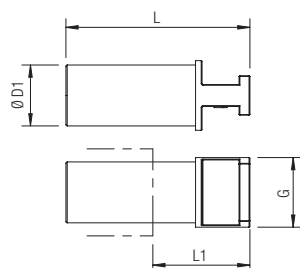
STRAIGHT MALE ADAPTOR (PARALLEL) WITH HEXAGON EMBEDDED



Code	Tube	A	B	C	L	CH	Pack.
50015 00 N03	6	1/8	5.4	12.8	23	4	10
50015 00 N04	8	1/8	5.4	14	26	5	10
50015 00 N12	10	1/4	7.1	17	31	6	10

50610

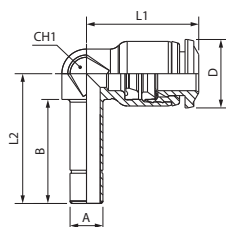
POLYAMIDE PLUG



Code	ØD1	G	L	L1	Pack.
50610 00 31 X4 RO	6	8	32	15.5	10
50610 00 31 X7 RO	8	10	35.5	19.5	10

55140

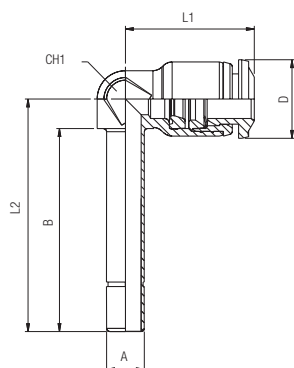
ORIENTING ELBOW



Code	Tube	A	B	L1	L2	CH1	D	Pack.
55140 00 002	4	6	19	16.5	22.8	7	10	10
55140 00 005	6	6	19	20.5	23.7	9	12.5	10
55140 00 007	8	8	20	22	26	10	14	10

55150

ORIENTING ELBOW



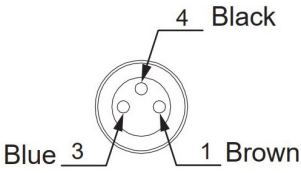
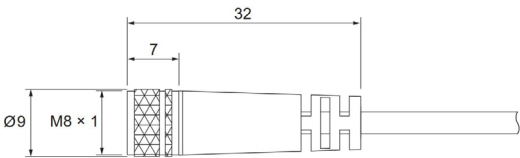
Code	Tube	A	B	L1	L2	CH1	D	Pack.
55150 00 002	4	6	30.5	16.5	34.3	7	10	10
55150 00 005	6	6	32.3	20.5	37	9	12.5	10
55150 00 007	8	8	36	22	42	10	14	10

PX__0

CABLE WITH INLINE FEMALE CONNECTOR M8X1

Code	Cable length	Jacket material	Pack.
PX 2000 PUR	2 m	PUR	1
PX 5000 PUR	5 m	PUR	1

max	
 Torque specifications ring	0.4 Nm



PX__1

CABLE WITH "L" FEMALE CONNECTOR M8X1

Code	Cable length	Jacket material	Pack.
PX 20001 PUR	2 m	PUR	1
PX 50001 PUR	5 m	PUR	1

max	
 Torque specifications ring	0.4 Nm

