

VALVES AND SOLENOID VALVES SERIES EN

5/2-way - 5/3-way CC, CO, CP With outlets on the body - For individual or manifold assembly Size 16 - 19 mm



- Mounting on any flat surface
- Reduced dimensions
- Aluminium body and end-covers in technopolymer
- Space saving

Camozzi has developed a new series of valves to be used in applications requiring a reduced space of installation and in situations where the valves need to be located as near as possible to the operating elements. The single valves can be mounted on any flat surface, allowing compact machine design, which is also enhanced by the reduced dimensions of the valve itself. Thanks to their robust aluminium bodies, the valves Series EN offer the highest reliability.

This new generation of solenoid valves is the evolution of the previous Series E, size 16 - 19 mm valve with ports threaded into the body. As this valve is completely interchangeable with Series E, part of the code is maintained though the valve has a completely new shape and new components.

General Data

Construction	Spool-type
Valve functions	5/2 - 5/3 CC - 5/3 CD - 5/3 CP
Materials	Body, spool, bases = AL End-covers = tecnnopolymer Joints = NBR PU
Ports	G1/8 - G1/4
Temperature	0°C min. + 50° C max
Fluid	Filtered air without lubricant. If lubricated air is used, it is recommended to use ISOV632 oil and to never interrupt lubrication.
Voltage	See coding
Voltage tolerance	±10%
Power consumption	2W, 1W
Class of insulation	Class F
Protection class	IP65 with connector DIN 40050

VALVES AND SOLENOID VALVES SERIES EN - CODING EXAMPLES

Coding Example

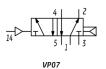
EN	N 5 3 1 - 11	- PN3
EN	SERIES	
5	FUNCTION 5 = 5/2 6 = 5/3 Centre Closed 7 = 5/3 Centre Open 8 = 5/3 Pressure Centre	
3	SIZE 3 = 16 5 = 19	
1	BODY TYPE 1 = Body with threaded plate	
11	ACTUATION 11 = Electro-pneumatic, bistable 16 = Electro-pneumatic, monostable 33 = Pneumatic bistable 36 = Pneumatic monostable E11 = Electro-pneumatic, bistable with external servo-pilot supply E16 = Electro-pneumatic, monostable with external servo-pilot supply	
PN3	TYPE OF SOLENOID PN3 = 24V DC - 1W P13 = 24V DC - 1W PN4 = 48V DC - 2W PN6 = 110V DC - 2W PN7 = 230V - 2W P53 = 24V DC - 2W P56 = 110V DC - 2W W53 = 24V DC - 2W W53 = 24V DC - 2W W54 = 48V DC - 2W	
	In case of applications with alternate current, use a bridge rectifier connector (see the connectors at the end of the section).	

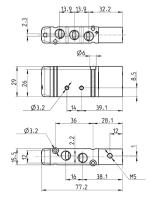
Pneumatically actuated valve, monostable - size 16

5/2-way



The pilot pressure should never be lower than the operating pressure.





Products designed for industrial applications. General terms and conditions for sale are available on www.camozzi.com This document contains a description of the products offered by Camozzi Automation at time of publication. For more complete and up to date information about the Camozzi Automation product range, please refer to our online catalogue at https://shop.camozzi.com

Mod.	Ports	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN531-36	G1/8	M5	2,5 ÷ 10	-0,9 ÷ 10	550

8.5 26 29

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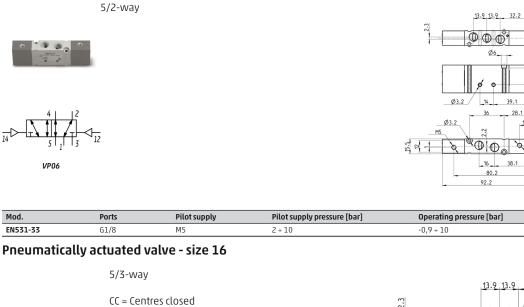
Flow [Nl/min]

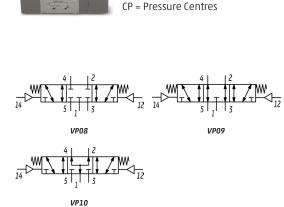
550

VALVES AND SOLENOID VALVES **SERIES EN - DIMENSIONS**

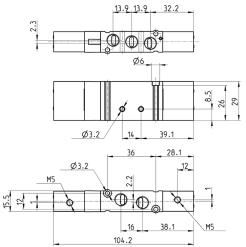


Pneumatically actuated valve, bistable - size 16





CO = Centres open



Ø6.

ø 0

> 14 39.1

36

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16 38.1

80.2 92.2

28.1 12

Mod.	Ports	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN631-33	G1/8	M5	3÷10	-0,9 ÷ 10	550	VP08
EN731-33	G1/8	M5	3÷10	-0,9 ÷ 10	550	VP09
EN831-33	G1/8	M5	3 ÷ 10	-0,9 ÷ 10	550	VP10

Pneumatically actuated valve, monostable - size 19

5/2-way



The pilot pressure should never be lower than the operating pressure.





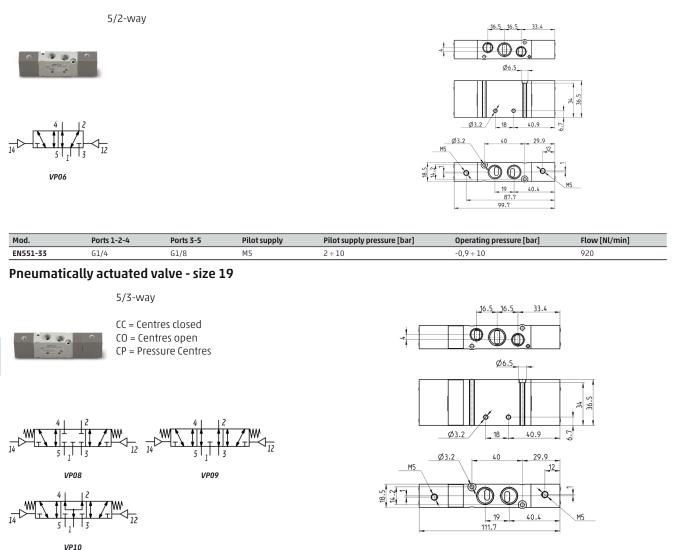
0 0 Ø6.5 ø Ø3.2 18 40.9 29.9 40 12 Ø3.2 16.5 \bigcirc X, - \cap 19 40.4

33.4

16.5 16.5

Mod.	Ports 1-2-4	Ports 3-5	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN551-36	G1/4	G1/8	M5	2,5 ÷ 10	-0,9 ÷ 10	920

Pneumatically actuated valve, bistable - size 19



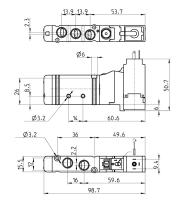
Mod.	Ports 1-2-4	Ports 3-5	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN651-33	G1/4	G1/8	M5	3 ÷ 10	-0,9 ÷ 10	920	VP08
EN751-33	G1/4	G1/8	M5	3 ÷ 10	-0,9 ÷ 10	920	VP09
EN851-33	G1/4	G1/8	M5	3 ÷ 10	-0,9 ÷ 10	920	VP10

Electro-pneumatically actuated valve, monostable - size 16

5/2-way



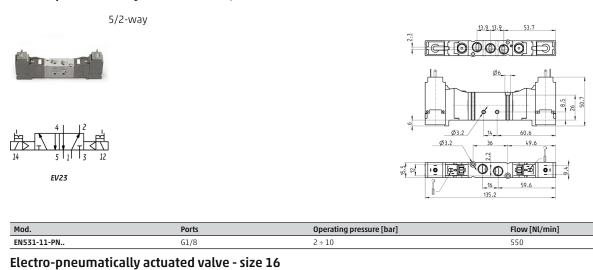


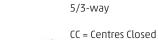


Mod.	Ports	Operating pressure [bar]	Flow [Nl/min]
EN531-16-PN	G1/8	2,5 ÷ 10	550

CC Mozzi

Electro-pneumatically actuated valve, bistable - size 16

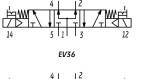




CO = Centres Open CP = Pressure Centres

EV28







2.3		
6		
<u>15.5</u>	Ø3.2 Ø3.2	

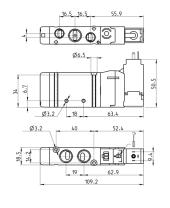
13.9 13.9

53.7

Mod.	Ports	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN631-11-PN	G1/8	3 ÷ 10	550	EV28
EN731-11-PN	G1/8	3 ÷ 10	550	EV32
EN831-11-PN	G1/8	3 ÷ 10	550	EV36

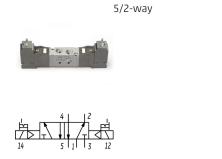
Electro-pneumatically actuated valve, monostable - size 19



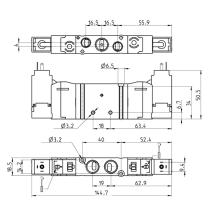


Mod.	Ports 1-2-4	Ports 3-5	Operating pressure [bar]	Flow [Nl/min]
EN551-16-PN	G1/4	G1/8	2,5 ÷ 10	920

Electro-pneumatically actuated valve, bistable - size 19

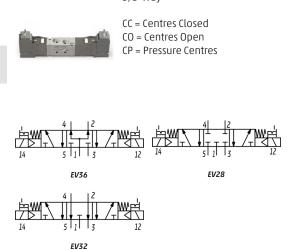


EV23

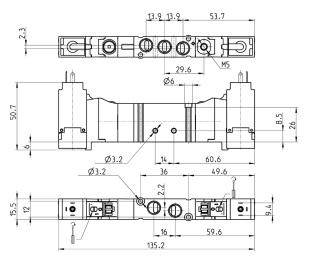


Mod.	Ports 1-2-4	Ports 3-5	Operating pressure [bar]	Flow [Nl/min]
EN551-11-PN	G1/4	G1/8	2 ÷ 10	920



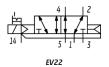


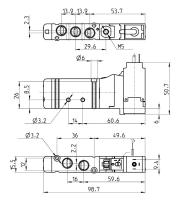
5/2-way



Mod.	Ports 1-2-4	Ports 3-5	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN651-11-PN	G1/4	G1/8	3÷10	920	EV28
EN751-11-PN	G1/4	G1/8	3÷10	920	EV32
EN851-11-PN	G1/4	G1/8	3÷10	920	EV36

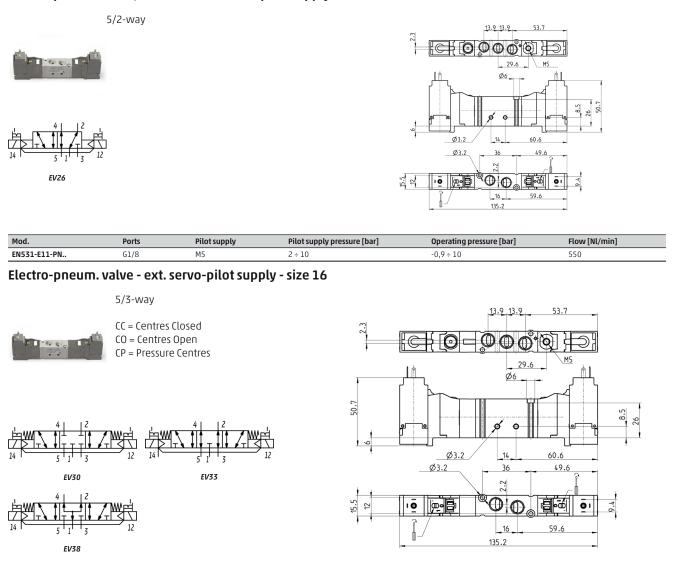
Electro-pneum. valve, monostable - ext. servo-pilot supply - size 16





Mod.	Ports	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN531-E16-PN	G1/8	M5	2,5 ÷ 10	- 0,9 ÷ 10	550

Electro-pneum. valve, bistable - ext. servo-pilot supply - size 16

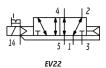


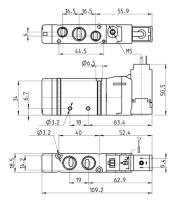
Mod.	Ports	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN631-E11-PN	G1/8	M5	3÷10	-0,9 ÷ 10	550	EV30
EN731-E11-PN	G1/8	M5	3÷10	-0,9 ÷ 10	550	EV33
EN831-E11-PN	G1/8	M5	3÷10	-0,9 ÷ 10	550	EV38

Electro-pneum. valve, monostable - ext. servo-pilot supply - size 19



5/2-way



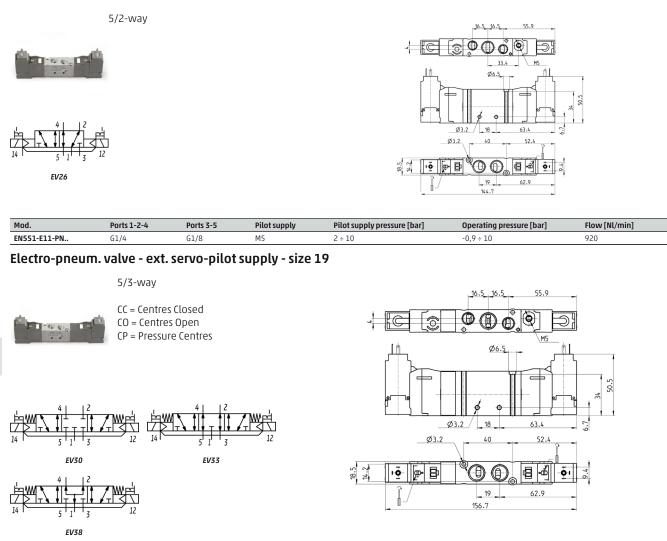


Mod.	Ports 1-2-4	Ports 3-5	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN551-E16-PN	G1/4	G1/8	M5	2,5 ÷ 10	- 0,9 ÷ 10	920

VALVES AND SOLENOID VALVES

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Electro-pneum. valve, bistable - ext. servo-pilot supply - size 19

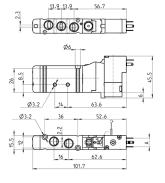


Mod.	Ports 1-2-4	Ports 3-5	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN651-E11-PN	G1/4	G1/8	M5	3÷10	-0,9 ÷ 10	920	EV30
EN751-E11-PN	G1/4	G1/8	M5	3÷10	-0,9 ÷ 10	920	EV33
EN851-E11-PN	G1/4	G1/8	M5	3÷10	-0,9 ÷ 10	920	EV38

Electro-pneum. valve, monostable, solenoid P, W - size 16

5/2-way





Mod.	Ports	А	Operating pressure [bar]	Flow [Nl/min]
EN531-16-P13	G1/8	9,4	2,5 ÷ 10	550
EN531-16-P54	G1/8	9,4	2,5 ÷ 10	550
EN531-16-P56	G1/8	9,4	2,5 ÷ 10	550
EN531-16-W53	G1/8	8	2,5 ÷ 10	550
EN531-16-W54	G1/8	8	2,5 ÷ 10	550

Flow [Nl/min]

550

550

550

550

550

VALVES AND SOLENOID VALVES SERIES EN - DIMENSIONS

Electro-pneum. valve, bistable, solenoid P, W - size 16

Ports

G1/8

G1/8

G1/8

G1/8

G1/8

А

9,4

9,4

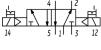
9,4

8

8

5/2-way





Mod.

EN531-11-P13

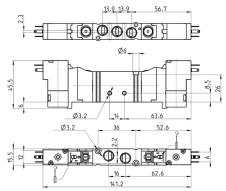
EN531-11-P54

EN531-11-P56

EN531-11-W53

EN531-11-W54

EV23



Operating pressure [bar]

2 ÷ 10

2÷10

2÷10

2÷10

2÷10

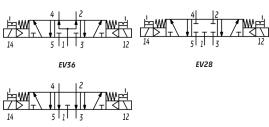
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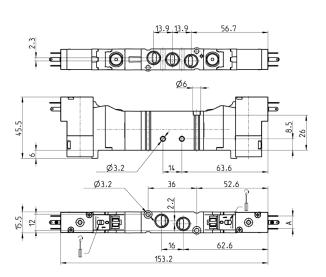
Electro-pneumatic valve, solenoid P, W - size 16

5/3-way CC = Cent





EV32

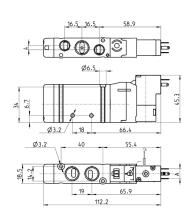


Mod.	Ports	А	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN631-11-P	G1/8	9,4	3÷10	550	EV28
EN731-11-P	G1/8	9,4	3÷10	550	EV32
EN831-11-P	G1/8	9,4	3÷10	550	EV36
EN631-11-W	G1/8	8	3÷10	550	EV28
EN731-11-W	G1/8	8	3÷10	550	EV32
EN831-11-W	G1/8	8	3÷10	550	EV36

Electro-pneum. valve, monostable, solenoid P, W - size 19

5/2-way





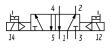
84 - J	D	D		On anothing a second second	FL [BUL /]]
Mod.	Ports 1-2-4	Ports 3-5	A	Operating pressure [bar]	Flow [Nl/min]
EN551-16-P13	G1/4	G1/8	9,4	2,5 ÷ 10	920
EN551-16-P54	G1/4	G1/8	9,4	2,5 ÷ 10	920
EN551-16-P56	G1/4	G1/8	9,4	2,5 ÷ 10	920
EN551-16-W53	G1/4	G1/8	8	2,5 ÷ 10	920
EN551-16-W54	G1/4	G1/8	8	2,5 ÷ 10	920

VALVES AND SOLENOID VALVES

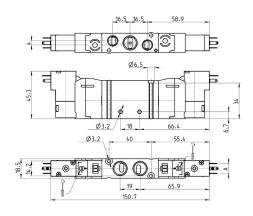
Electro-pneum. valve, bistable, solenoid P, W - size 19

5/2-way





EV23



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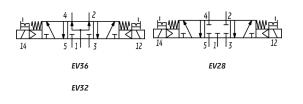
Mod.	Ports 1-2-4	Ports 3-5	А	Operating pressure [bar]	Flow [Nl/min]
EN551-11-P13	G1/4	G1/8	9,4	2÷10	920
EN551-11-P54	G1/4	G1/8	9,4	2÷10	920
EN551-11-P56	G1/4	G1/8	9,4	2÷10	920
EN551-11-W53	G1/4	G1/8	8	2÷10	920
EN551-11-W54	G1/4	G1/8	8	2÷10	920

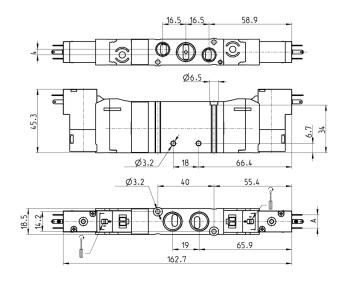
Electro-pneumatic valve, solenoid P, W - size 19





CC = Centres Closed CO = Centres Open CP = Pressure Centres





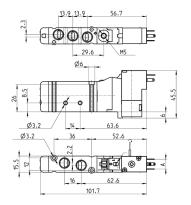
Mod.	Ports 1-2-4	Ports 3-5	А	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN651-11-P	G1/4	G1/8	9,4	3 ÷ 10	920	EV28
EN751-11-P	G1/4	G1/8	9,4	3 ÷ 10	920	EV32
EN851-11-P	G1/4	G1/8	9,4	3 ÷ 10	920	EV36
EN651-11-W	G1/4	G1/8	8	3 ÷ 10	920	EV28
EN751-11-W	G1/4	G1/8	8	3 ÷ 10	920	EV32
EN851-11-W	G1/4	G1/8	8	3÷10	920	EV36

Electro-pneum. valve, monost. ext. servo-pilot sup., sol. P/W - size 16

5/2-way







Mod.	Ports	А	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN531-E16-P	G1/8	9,4	M5	2,5 ÷ 10	-0,9 ÷ 10	550
EN531-E16-W	G1/8	8	M5	2,5 ÷ 10	-0,9 ÷ 10	550

6

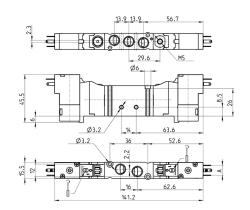
Electro-pneum. valve, bistable ext. servo-pilot sup., sol. P/W - size 16





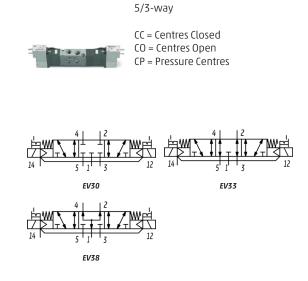


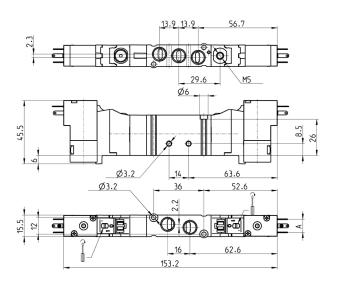
EV26



Mod.	Ports	А	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN531-E11-P	G1/8	9,4	M5	2÷10	-0,9 ÷ 10	550
EN531-E11-W	G1/8	8	M5	2÷10	-0,9 ÷ 10	550

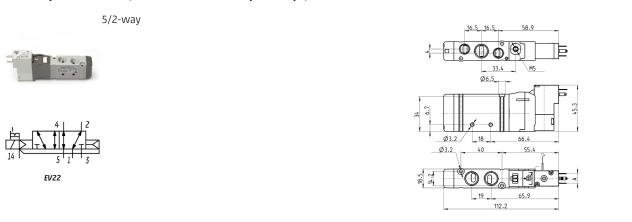
Electro-pneum. valve, ext. servo-pilot supply, solenoid P, W - size 16





Mod.	Ports	А	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN631-E11-P	G1/8	9,4	M5	3÷10	-0,9 ÷ 10	550	EV30
EN731-E11-P	G1/8	9,4	M5	3÷10	-0,9 ÷ 10	550	EV33
EN831-E11-P	G1/8	9,4	M5	3÷10	-0,9 ÷ 10	550	EV38
EN631-E11-W	G1/8	8	M5	3÷10	-0,9 ÷ 10	550	EV30
EN731-E11-W	G1/8	8	M5	3÷10	-0,9 ÷ 10	550	EV33
EN831-E11-W	G1/8	8	M5	3÷10	-0,9 ÷ 10	550	EV38

Electro-pneum. valve, monost. ext. servo-pilot sup., sol. P/W - size 19

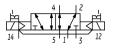


Mod.	Ports 1-2-4	Ports 3-5	Α	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN551-E16-P	G1/4	G1/8	9,4	M5	2,5 ÷ 10	-0,9 ÷ 10	920
EN551-E16-W	G1/4	G1/8	8	M5	2,5 ÷ 10	-0,9 ÷ 10	920

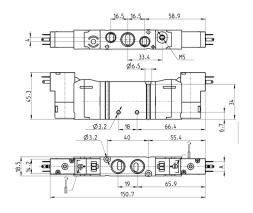
Electro-pneum. valve, bistable ext. servo-pilot sup., sol. P/W - size 19

5/2-way





EV26



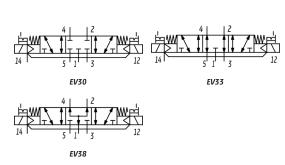
Mod.	Ports 1-2-4	Ports 3-5	Α	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN551-E11-P	G1/4	G1/8	9,4	M5	2÷10	-0,9 ÷ 10	920
EN551-E11-W	G1/4	G1/8	8	M5	2÷10	-0,9 ÷ 10	920

6

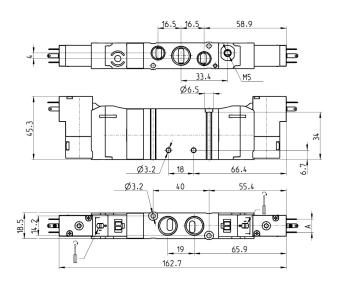
Electro-pneum. valve, ext. servo-pilot supply, solenoid P, W - size 19







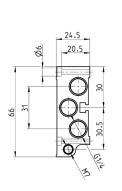
5/3-way

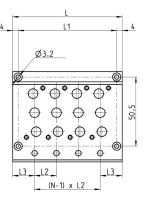


Mod.	Ports 1-2-4	Ports 3-5	А	Pilot supply	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN651-E11-P	G1/4	G1/8	9,4	M5	3 ÷ 10	-0,9 ÷ 10	920	EV30
EN751-E11-P	G1/4	G1/8	9,4	M5	3 ÷ 10	-0,9 ÷ 10	920	EV33
EN851-E11-P	G1/4	G1/8	9,4	M5	3 ÷ 10	-0,9 ÷ 10	920	EV38
EN651-E11-W	G1/4	G1/8	8	M5	3 ÷ 10	-0,9 ÷ 10	920	EV30
EN751-E11-W	G1/4	G1/8	8	M5	3 ÷ 10	-0,9 ÷ 10	920	EV33
EN851-E11-W	G1/4	G1/8	8	M5	3÷10	-0,9 ÷ 10	920	EV38

Manifold for valves size 16 and 19 (outlets on the body valve)





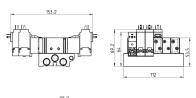


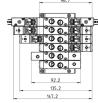
Mod.	Nr of valve positions	L	11	L2	L3
EN531-1002	2	48	40	16	16
EN531-1003	3	64	56	16	16
EN531-1004	4	80	72	16	16
EN531-1005	5	96	88	16	16
EN531-1006	6	112	104	16	16
EN531-1008	8	144	136	16	16
EN531-1010	10	176	168	16	16
EN531-1012	12	208	200	16	16
EN551-1002	2	53	45	19	17
EN551-1003	3	72	64	19	17
EN551-1004	4	91	83	19	17
EN551-1005	5	110	102	19	17
EN551-1006	6	129	121	19	17
EN551-1008	8	167	159	19	17
EN551-1010	10	205	197	19	17
EN551-1012	12	243	235	19	17

Manifolds complete with valves with outlets on the body - size 16

ports G1/8



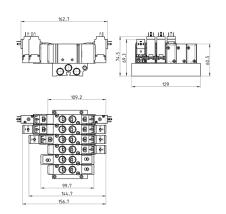




Manifolds complete with valves with outlets on the body - size 19

ports G1/4





VALVES AND SOLENOID VALVES SERIES EN - CODING EXAMPLES

Coding Example

EN	5 3 0 - 11 - PN3
EN	SERIES
5	FUNCTION 5 = 5/2 6 = 5/3 Centre Closed 7 = 5/3 Centre Open 8 = 5/3 Pressure Centre
3	SIZE 3 = 16 5 = 19
0	BODY TYPE: 0 = body for sub-base
11	ACTUATION 11 = Electro-pneumatic, bistable 16 = Electro-pneumatic, monostable 33 = Pneumatic bistable 36 = Pneumatic monostable E11 = Electro-pneumatic, bistable with external servo-pilot supply E16 = Electro-pneumatic, monostable with external servo-pilot supply
PN3	TYPE OF SOLENOID PN3 = 24V DC - 1W P13 = 24V DC - 1W PN4 = 48V DC - 2W PN6 = 110V DC - 2W PN7 = 230V - 2W P53 = 24V DC - 2W P54 = 48V DC - 2W W53 = 24V DC - 2W W53 = 24V DC - 2W
	In case of applications with alternate current, use a bridge rectifier connector (see the connectors at the end of the section).

Monostable pneumatic valve with outlets on sub-base - size 16



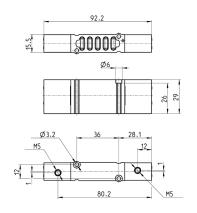
Mod.	Pilot supply	Min pilot pressure [bar]	Working pressure [bar]	Flow rate [Nl/min]
EN530-36	M5	2,5	2,5 ÷ 10	610

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VALVES AND SERIE

Bistable pneumatic valve with outlets on sub-base - size 16

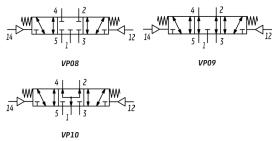
5/2-way



Mod.	Pilot supply	Min pilot pressure [bar]	Working pressure [bar]	Flow rate [Nl/min]
EN530-33	M5	2	-0,9 ÷ 10	610

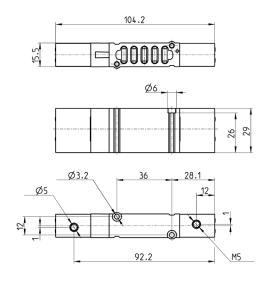






5/2-way

5/3-way



Mod.	Pilot supply	Min pilot pressure [bar]	Working pressure [bar]	Flow rate [Nl/min]	Symbol
EN630-33	M5	3	-0,9 ÷ 10	610	VP08
EN730-33	M5	3	-0,9 ÷ 10	610	VP09
EN830-33	M5	3	-0,9 ÷ 10	610	VP10

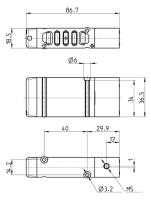
Pneumatic valve, monostable with outlets on sub-base - size 19







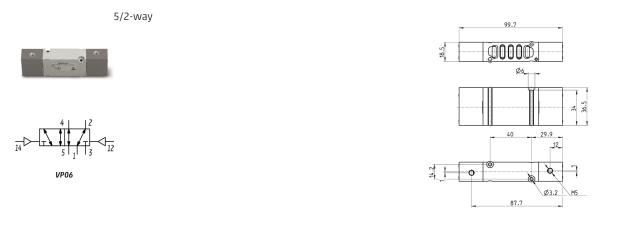
Mod. EN550-36



DLD VALVES	1	2025/05
D SOLENO <mark>S EN - DIN</mark>		

	Pilot supply	Min pilot pressure [bar]	Working P. [bar]	Flow rate [Nl/min]	
6	M5	2.5	2 ÷ 10	1000	

Pneumatic valve, bistable with outlets on sub-base - size 19



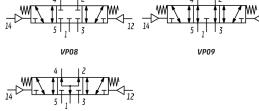
Mod.	Pilot supply	Min pilot pressure [bar]	Working pressure [bar]	Flow rate [Nl/min]
EN550-33	M5	2	-0,9 ÷ 10	1000

Pneumatically actuated valve with outlets on sub-base - size 19

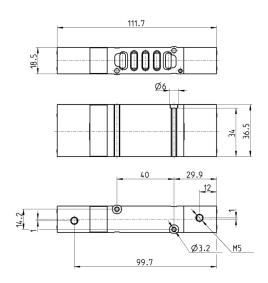
5/3-way





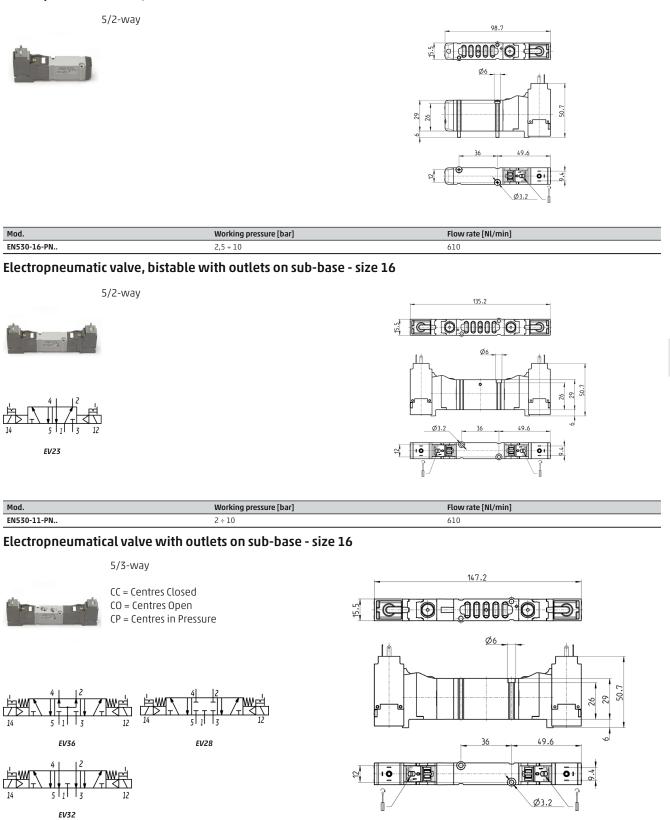


VP10



Mod.	Pilot supply	Min pilot pressure [bar]	Working P. [bar]	Flow rate [Nl/min]	Symbol
EN650-33	M5	3	-0,9 ÷ 10	1000	VP08
EN750-33	M5	3	-0,9 ÷ 10	1000	VP09
EN850-33	M5	3	-0,9 ÷ 10	1000	VP10

Electropneumatic valve, monostable with outlets on sub-base - s. 16

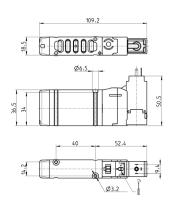


Mod.	Working pressure [bar]	Flow rate [Nl/min]	Symbol	
EN630-11-PN	3 ÷ 10	610	EV28	
EN730-11-PN	3 ÷ 10	610	EV32	
EN830-11-PN	3 ÷ 10	610	EV36	

Electropneumatic valve, monostable with outlets on sub-base - s. 19

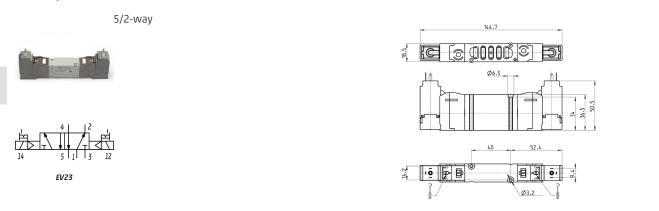






Mod.	Working pressure [bar]	Flow rate [Nl/min]
EN550-16-PN	2,5÷10	1000

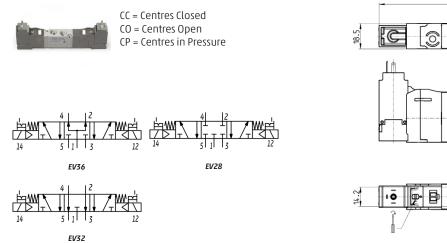
Electropneumatic valve, bistable with outlets on sub-base - size 19

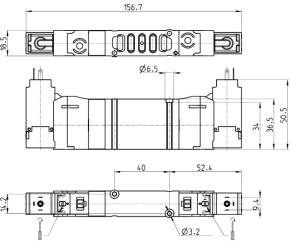


Mod.	Working presure [bar]	Flow rate [Nl/min]
EN550-11-PN	2÷10	1000

Electropneumatical valve with outlets on sub-base - size 19

5/3-way



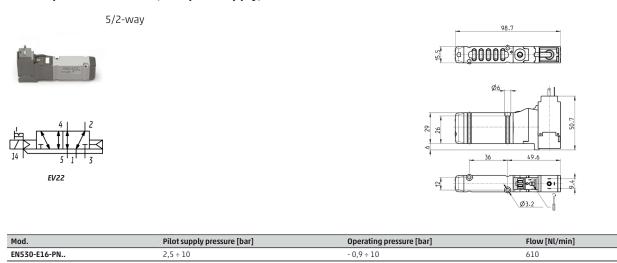


Mod.	Working pressure [bar]	Flow rate [Nl/min]	Symbol
EN650-11-PN	3÷10	1000	EV28
EN750-11-PN	3÷10	1000	EV32
EN850-11-PN	3÷10	1000	EV36

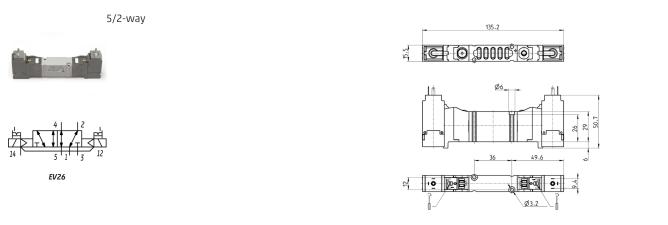
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VALVES AND SOL **SERIES EN - DIMENSIONS**

Electro-pn. monost. valve, ext. pilot supply, outlets on sub-base - s. 16

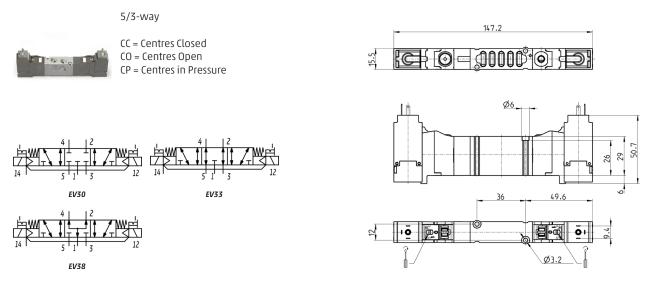


Electro-pn. bistable valve, ext. pilot supply, outlets on sub-base - s. 16



Mod.	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN530-E11-PN	2÷10	-0,9÷10	610

Electro-pneumatic valve, ext. pilot supply, outlets on sub-base - s. 16



LVES / 2	025/05	4
ENOID V	ALVES	

3

AMOZZI

-0,9 ÷ 10

-0,9 ÷ 10

-0,9 ÷ 10

Operating pressure [bar]

Flow [Nl/min]

610

610

610

Pilot supply pressure [bar]

3 ÷ 10

3 ÷ 10

3 ÷ 10

Mod.

EN630-E11-PN..

EN730-E11-PN..

EN830-E11-PN..

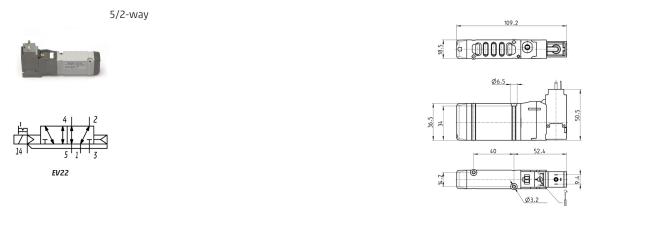
Symbol

EV30

EV33

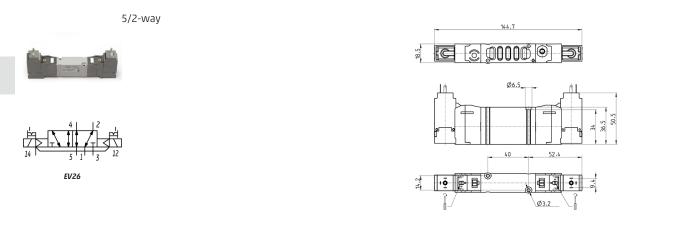
EV38

Electro-pn. monost. valve, ext. pilot supply, outlets on sub-base - s. 19



Mod.	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	
EN550-E16-PN	2,5 ÷ 10	-0,9÷10	1000	

Electro-pn. bistable valve, ext. pilot supply, outlets on sub-base - s. 19



Mod.	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN550-E11-PN	2÷10	-0,9 ÷ 10	1000

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36.5 50.5

Electro-pneumatic valve, ext. pilot supply, outlets on sub-base - s. 19

5/3-way

156.7 CC = Centres Closed CO = Centres Open 00000 0 18.5 łC 0 CP = Centres in Pressure Ø6.5 Ľ 12 3 40 52.4 EV30 EV33 O ۰ō **- -8** • 4 ኤ 5 1 Ø3.2 EV38

Mod.	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN650-E11-PN	3 ÷ 10	-0,9 ÷ 10	1000	EV30
EN750-E11-PN	3÷10	-0,9 ÷ 10	1000	EV33
EN850-E11-PN	3÷10	-0,9 ÷ 10	1000	EV38

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Electro-pn. monostable valve, sol. P / W, outlets on sub-base - s. 16

5/2-way



Mod.

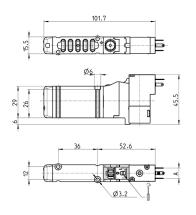
EN530-16-P13

EN530-16-P54

EN530-16-P56

EN530-16-W53

EN530-16-W54



Flow [Nl/min]

610

610

610

610

610

	-	
 	_	

6

Electro-pn. bistable valve, sol. P / W, outlets on sub-base - size 16

А

9,4

9,4

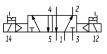
9,4

8

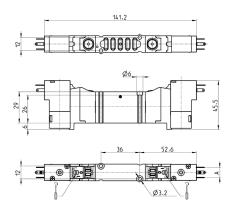
8

5/2-way









Mod.	A	Operating pressure [bar]	Flow [Nl/min]	
EN530-11-P13	9,4	2÷10	610	
EN530-11-P54	9,4	2÷10	610	
EN530-11-P56	9,4	2÷10	610	
EN530-11-W53	8	2÷10	610	
EN530-11-W54	8	2÷10	610	

Operating pressure [bar]

2,5 ÷ 10

2,5 ÷ 10

2,5 ÷ 10

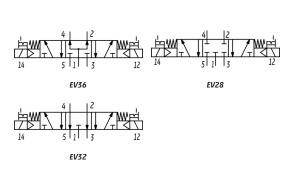
2,5 ÷ 10

2,5 ÷ 10

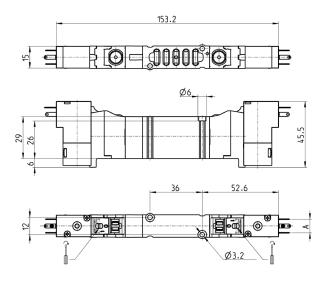
Electro-pneumatic valve, sol. P / W, outlets on sub-base - size 16



CC = Centres Closed CO = Centres Open CP = Centres in Pressure



5/3-way



Mod.	А	Operating pressure [bar]	Flow [Nl/min]	Symbol	
EN630-11-P	9,4	3÷10	610	EV28	
EN730-11-P	9,4	3÷10	610	EV32	
EN830-11-P	9,4	3÷10	610	EV36	
EN630-11-W	8	3÷10	610	EV28	
EN730-11-W	8	3÷10	610	EV32	
EN830-11-W	8	3÷10	610	EV36	

Electro-pn. monostable valve, sol. P / W, outlets on sub-base - s. 19

5/2-way



Mod.	Operating pressure [bar]	Flow [Nl/min]	
EN550-16-P13	2,5 ÷ 10	1000	
EN550-16-P54	2,5 ÷ 10	1000	
EN550-16-P56	2,5 ÷ 10	1000	
EN550-16-W53	2,5 ÷ 10	1000	
EN550-16-W54	2,5 ÷ 10	1000	

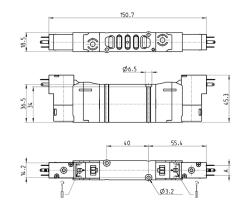
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Electro-pn. bistable valve, sol. P / W, outlets on sub-base - size 19

5/2-way







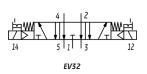
Mod.	А	Operating pressure [bar]	Flow [Nl/min]
EN550-11-P13	9,4	2 ÷ 10	1000
EN550-11-P54	9,4	2 ÷ 10	1000
EN550-11-P56	9,4	2 ÷ 10	1000
EN550-11-W53	8	2÷10	1000
EN550-11-W54	8	2 ÷ 10	1000

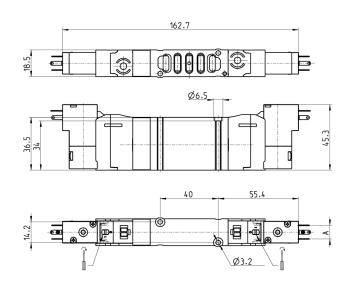
6

Electro-pneumatic valve, sol. P / W, outlets on sub-base - size 19

CC = Centres Closed CO = Centres Open CP = Centres in Pressure 3 5 1 13 12 EV36 EV28

5/3-way





Mod.	А	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN650-11-P	9,4	3 ÷ 10	1000	EV28
EN750-11-P	9,4	3 ÷ 10	1000	EV32
EN850-11-P	9,4	3 ÷ 10	1000	EV36
EN650-11-W	8	3 ÷ 10	1000	EV28
EN750-11-W	8	3÷10	1000	EV32
EN850-11-W	8	3÷10	1000	EV36

Electro-pn. mono. valve, pilot sup. sol. P / W, outlets on base - s. 16

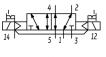


Mod.	А	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]
EN530-E16-P	9,4	2,5 ÷ 10	-0,9 ÷ 10	610
EN530-E16-W	8	2,5 ÷ 10	-0,9 ÷ 10	610

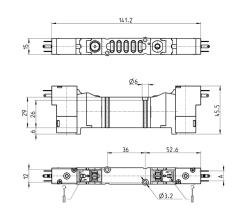
Electro-pn. bistab. valve, pilot sup. sol. P / W, outlets on base - s. 16

5/2-way









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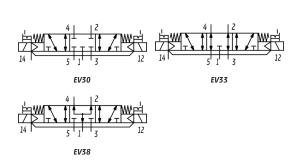
Mod.	A Pilot supply pressure [bar]		Operating pressure [bar]	Flow [Nl/min]
EN530-E11-P 9,4		2÷10	-0,9 ÷ 10	610
EN530-E11-W	8	2÷10	-0,9 ÷ 10	610

Electro-pneum. valve, pilot sup. sol. P / W, outlets on base - s. 16

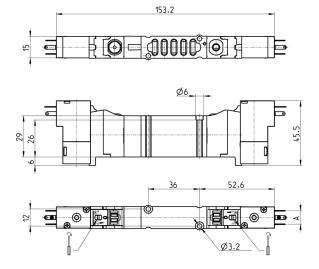




CC = Centres Closed CO = Centres Open CP = Centres in Pressure



5/2-way

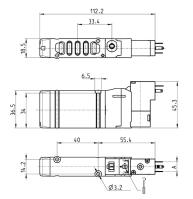


Mod.	A	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN630-E11-P	9,4	3 ÷ 10	-0,9 ÷ 10	610	EV30
EN730-E11-P	9,4	3 ÷ 10	-0,9 ÷ 10	610	EV33
EN830-E11-P	9,4	3 ÷ 10	-0,9 ÷ 10	610	EV38
EN630-E11-W	8	3 ÷ 10	-0,9 ÷ 10	610	EV30
EN730-E11-W	8	3 ÷ 10	-0,9 ÷ 10	610	EV33
EN830-E11-W	8	3÷10	-0,9 ÷ 10	610	EV38

Electro-pn. mono. valve, pilot sup. sol. P / W, outlets on base - s. 19



EV22



Mod.	А	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	
EN550-E16-P	9,4	2,5 ÷ 10	-0,9 ÷ 10	1000	
EN550-E16-W	8	2,5 ÷ 10	-0,9 ÷ 10	1000	

6

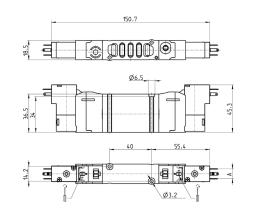
Electro-pn. bistab. valve, pilot sup. sol. P / W, outlets on base - s. 19

5/2-way





EV26

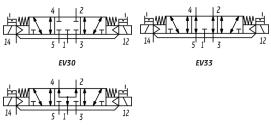


Mod.	А	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	
EN550-E11-P	P 9,4 2÷10		-0,9 ÷ 10	1000	
EN550-E11-W	8	2÷10	-0,9 ÷ 10	1000	

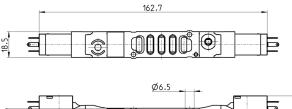
Electro-pneum. valve, pilot sup. sol. P / W, outlets on base - s. 19

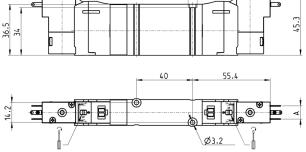
CC = Centres Closed CO = Centres Open CP = Centres in Pressure

5/3-way



EV38

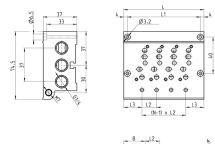


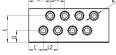


Mod.	A	Pilot supply pressure [bar]	Operating pressure [bar]	Flow [Nl/min]	Symbol
EN650-E11-P	9,4	3÷10	-0,9 ÷ 10	1000	EV30
EN750-E11-P	9,4	3÷10	-0,9 ÷ 10	1000	EV33
EN850-E11-P	9,4	3÷10	-0,9 ÷ 10	1000	EV38
EN650-E11-W	8	3÷10	-0,9 ÷ 10	1000	EV30
EN750-E11-W	8	3÷10	-0,9 ÷ 10	1000	EV33
EN850-E11-W	8	3÷10	-0,9 ÷ 10	1000	EV38

Manifold for valves size 16 and 19 (outlets on manifolds)







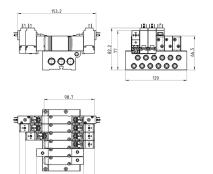
	VALVES AND SOLENOID VALVES
-	ΛA

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Mod.	Nr of valve positions	A	В	C	D	E	L	11	LZ	L3
EN530-2102	2	G1/8	23,5	16	12,8	29	56	48	16	20
EN530-2103	3	G1/8	23,5	16	12,8	29	72	64	16	20
EN530-2104	4	G1/8	23,5	16	12,8	29	88	80	16	20
EN530-2105	5	G1/8	23,5	16	12,8	29	104	96	16	20
EN530-2106	6	G1/8	23,5	16	12,8	29	120	112	16	20
EN530-2108	8	G1/8	23,5	16	12,8	29	152	144	16	20
EN530-2110	10	G1/8	23,5	16	12,8	29	184	176	16	20
EN530-2112	12	G1/8	23,5	16	12,8	29	216	208	16	20
EN550-2102	2	G1/4	23	15,5	10,5	28,2	59	51	19	20
EN550-2103	3	G1/4	23	15,5	10,5	28,2	78	70	19	20
EN550-2104	4	G1/4	23	15,5	10,5	28,2	97	89	19	20
EN550-2105	5	G1/4	23	15,5	10,5	28,2	116	108	19	20
EN550-2106	6	G1/4	23	15,5	10,5	28,2	135	127	19	20
EN550-2108	8	G1/4	23	15,5	10,5	28,2	173	165	19	20
EN550-2110	10	G1/4	23	15,5	10,5	28,2	211	203	19	20
EN550-2112	12	G1/4	23	15,5	10,5	28,2	249	241	19	20

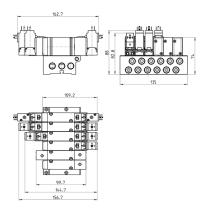
Manifolds complete with base moutend valves - size 16





Manifolds complete with base moutend valves - size 19



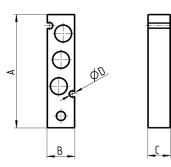


VALVES AND SOLENOID VALVES SERIES EN - ACCESSORIES

Blanking plate for manifolds - valves with outlets on the body



The following is supplied: 1x blanking plate 2x screws 1x seal

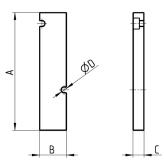


Mod.	Size	A	В	C	_g D	
TP-EN531	16	60	14,5	12	3,2	
TP-EN551	19	62	17,3	12	3,2	

Blanking plate for manifolds - base mounted valves



The following is supplied: 1x blanking plate 2x screws 1x seal



Mod.	Size	А	В	C	D	
TP-EN530	16	64	14,7	6	3,2	
TP-EN550	19	64	17	6	3,2	

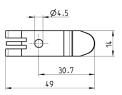
Mounting brackets for DIN rail



DIN EN 50022 (7,5mm x 35mm - width 1) Suitable for all manifolds.

Supplied with: 2x plates 2x screws M4x6 UNI 5931 2x nuts





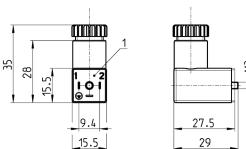
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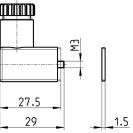
Mod.
PCF-EN531

VALVES AND SOLENOID VALVES **SERIES EN - ACCESSORIES**

Connectors Mod. 125 industrial std. 9,4 mm







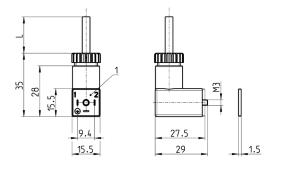
1 = 90° adjustable connector

Mod.	Description	Colour	Working voltage	Cable gland	Tightening torque
125-601	Connector, diode + Led	Transparent	10/50 V DC	PG7	0,3 Nm
125-701	Connector, varistor + Led	Transparent	24 V AC/DC	PG7	0,3 Nm
125-800	Connector, without electronics	Black	-	PG7	0,3 Nm

Connectors Mod. 125 industrial std. 9,4 mm with cable



DIN EN 175 301-803-C The internal rectifier circuit of the connector Mod. 125-900 allows to use solenoid valves with different AC voltage, even if the voltage indicated on the solenoid valve is DC.



1 = 90° adjustable connector

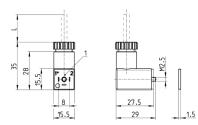
Mod.	Description	Colour	Working voltage	Cable length (L)	Cable gland	Tightening torque
125-501-2	moulded cable with diode + Led	black	10/50 V DC	2000 mm	-	0,3 Nm
125-550-1	moulded cable, without electronics	black	-	1000 mm	-	0,3 Nm
125-601-2	pre-wired cable, diode + Led	transparent	10/50 V DC	2000 mm	PG7	0,3 Nm
125-571-3	moulded cable, varistor + Led	black	24 V AC/DC	3000 mm	-	0,3 Nm
125-900	pre-wired cable with voltage rectifier	black	6 V - 110 V AC/DC	2000 mm	PG7	0,3 Nm

VALVES AND SOLENOID VALVES SERIES EN - ACCESSORIES

Connectors Mod. 126 industrial std. 8 mm



DIN EN 175 301-803-c

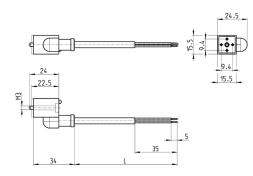


1 = 90° adjustable connector

Mod.	Description	Colour	Working voltage	Cable length (L)	Cable gland	Tightening torque
126-550-1	moulded cable, without electronics	black	-	1000 mm	-	0.3 Nm
126-800	connector, without electronics	black	-	-	PG7	0.3 Nm
126-701	connector, varistor + Led	transparent	24 V AC/DC	-	PG7	0.3 Nm

Connectors Mod. 125 industrial std. 9,4 mm in-line cable



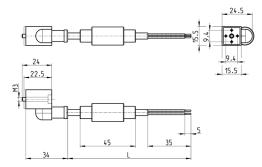


Mod.	Description	Colour	Working voltage	Cable length (L)	Cable gland	Tightening torque
125-503-2	In-line moulded cable, with diode + Led	Black	24 V DC	2000 mm	-	0,3 Nm
125-503-5	In-line moulded cable, with diode + Led	Black	24 V DC	5000 mm	-	0,3 Nm
125-553-2	In-line moulded cable, without electronics	Black	-	2000 mm	-	0,3 Nm
125-553-5	In-line moulded cable, without electronics	Black	-	5000 mm	-	0,3 Nm

Connectors Mod. 125 industrial std. 9.4 mm in-line cable and rectifier



DIN EN 175 301-803-C



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Mod.	Description	Colour	Working voltage	Cable length (L)	Cable gland	Tightening torque
125-903-2	in-line moulded cable with voltage rectifier	black	6 V - 230 V AC/DC	2000 mm	-	0,3 Nm
125-903-5	in-line moulded cable with voltage rectifier	black	6 V - 230 V AC/DC	5000 mm	-	0,3 Nm