

Pneumatic - Spring

Ordering code

241A.52.00.19

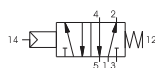
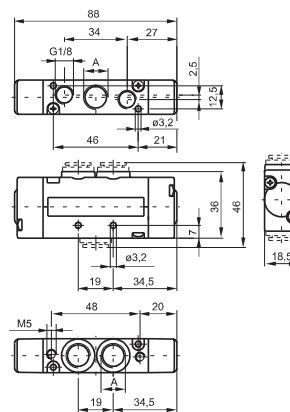
CONNECTIONS

1 = G1/4"

5 = G1/8"

6 = quick fitting tube Ø6

8 = quick fitting tube Ø8



For dimension "A" see ordering code

Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	155	-5 ÷ +50

Pneumatic - Differential / Differential external

Ordering code

241A.52.00.V

CONNECTIONS

1 = G1/4"

5 = G1/8"

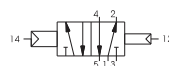
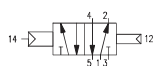
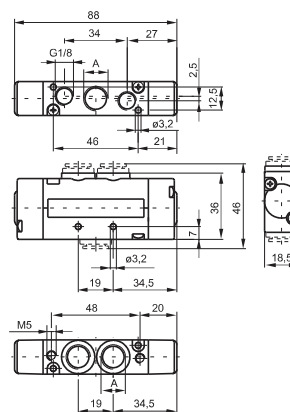
6 = quick fitting tube Ø6

8 = quick fitting tube Ø8

VERSION

16 = Pneumatic - Differential

17 = Pneumatic - Differential ext.



For dimension "A" see ordering code

Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	155	-5 ÷ +50

Pneumatic - Pneumatic

Ordering code

241A.52.00.18

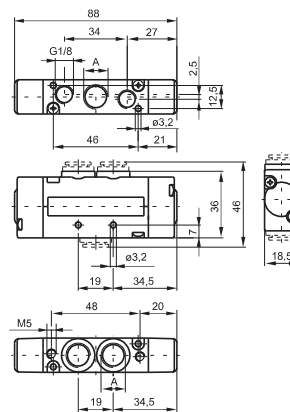
CONNECTIONS

1 = G1/4"

5 = G1/8"

6 = quick fitting tube Ø6

8 = quick fitting tube Ø8



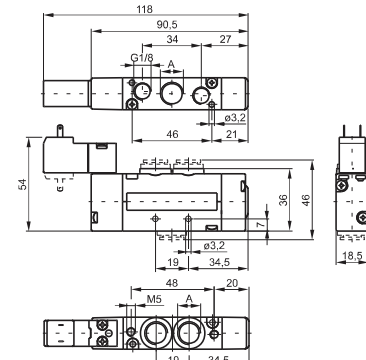
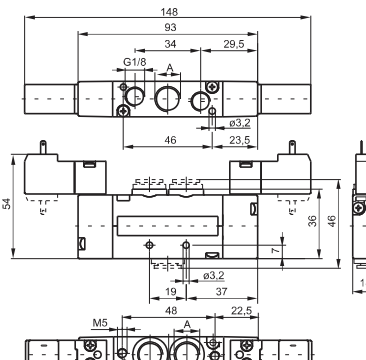
For dimension "A" see ordering code

Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	1,5	155	-5 ÷ +50



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Miniature solenoid - Spring / Differential							
Ordering code							
241A.52.00.V.T							
CONNECTIONS							
A 1 = G1/4"							
5 = G1/8"							
6 = quick fitting tube Ø6							
8 = quick fitting tube Ø8							
VERSION							
V 39 = Sv. - Spring							
29 = Sv. ext. - Spring							
V 36 = Sv. - Diff./al							
37 = Sv. ext. - Diff./al ext.							
26 = Sv. ext. - Diff./al							
27 = Sv. ext. - Diff./al ext.							
COIL VOLTAGE							
01 = 12V DC							
02 = 24V DC							
05 = 24V AC							
06 = 110V AC							
07 = 220V AC							
08 = 24V DC 1 Watt							
T 09 = 24V DC Earth Faston							
11 = 12V DC Downward							
12 = 24V DC Downward							
15 = 24V AC Downward							
16 = 110V AC Downward							
17 = 220V AC Downward							
18 = 24V DC 1 Watt Downward							
19 = 24V DC Earth Faston Downward							
							
							
For dimension "A" see ordering code							
							
Operational characteristic							
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	195	-5 ÷ +50
Miniature solenoid - Miniature solenoid							
Ordering code							
241A.52.00.V.T							
CONNECTIONS							
A 1 = G1/4"							
5 = G1/8"							
6 = quick fitting tube Ø6							
8 = quick fitting tube Ø8							
VERSION							
V 35 = Sol. - Sol.							
24 = Sol. ext. - Sol. ext.							
COIL VOLTAGE							
01 = 12V DC							
02 = 24V DC							
05 = 24V AC							
06 = 110V AC							
07 = 220V AC							
08 = 24V DC 1 Watt							
T 09 = 24V DC Earth Faston							
11 = 12V DC Downward							
12 = 24V DC Downward							
15 = 24V AC Downward							
16 = 110V AC Downward							
17 = 220V AC Downward							
18 = 24V DC 1 Watt Downward							
19 = 24V DC Earth Faston							
19 = 24V DC Earth Faston							
							
							
For dimension "A" see ordering code							
							
Operational characteristic							
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	1,5	225	-5 ÷ +50

Pneumatic - Pneumatic

Ordering code

241A.53.F.18

CONNECTIONS

1 = G1/4"

5 = G1/8"

6 = quick fitting tube Ø6

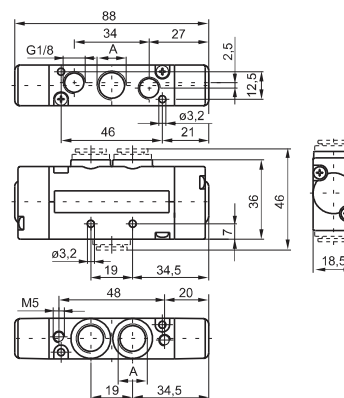
8 = quick fitting tube Ø8

FUNCTION

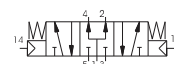
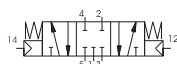
31 = Closed centres

32 = Open centres

33 = Pressured centres



For dimension "A" see ordering code



Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	650	10	7	M5	3	165	-5 ÷ +50

Miniature solenoid - Miniature solenoid

Ordering code

241A.53.F.V.T

CONNECTIONS

1 = G1/4"

5 = G1/8"

6 = quick fitting tube Ø6

8 = quick fitting tube Ø8

FUNCTION

31 = Closed centres

32 = Open centres

33 = Pressured centres

VERSION

24 = Sol. ext. - Sol. ext.

35 = Sol. - Sol.

COIL VOLTAGE

01 = 12V DC

02 = 24V DC

05 = 24V AC

06 = 110V AC

07 = 220V AC

08 = 24V DC 1 Watt

09 = 24V DC Earth Faston

11 = 12V DC Downward

12 = 24V DC Downward

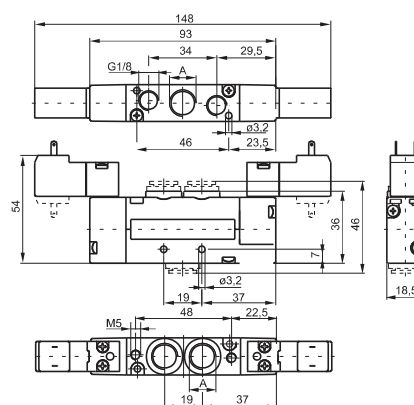
15 = 24V AC Downward

16 = 110V AC Downward

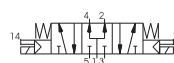
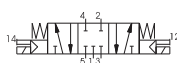
17 = 220V AC Downward

18 = 24V DC 1 Watt Downward

19 = 24V DC Earth Faston Downward



For dimension "A" see ordering code



Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	650	10	7	M5	3	235	-5 ÷ +50

Pneumatic - Pneumatic

Ordering code

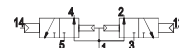
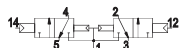
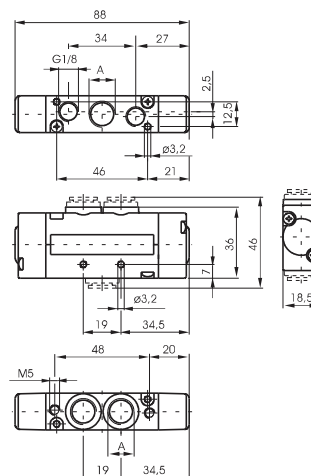
241A.62.F.18

CONNECTIONS

1 = G1/4"
5 = G1/8"
6 = quick fitting tube Ø6
8 = quick fitting tube Ø8

FUNCTION

44 = 2 Coils 3/2 NC
45 = 1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)
55 = 2 Coils 3/2 NO
54 = 1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)



Operational characteristic

Example: if inlet pressure is set at 5bar then pilot pressure must be at least $P_p = 1,5 + (0,2 \times 5) = 2,5\text{bar}$

Fluid	Flow rate at 6 bar with $\Delta p = 1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)	For dimension "A":
Filtered air, with or without lubrication	450	10	7	-5 ÷ +50	$\geq 1,5 + (0,2 \times P_{\text{alim}})$	170	see ordering code

Miniature solenoid - Miniature solenoid

Ordering code

241A.62.F.35.T

CONNECTIONS

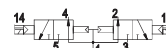
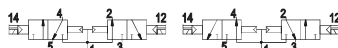
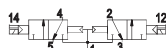
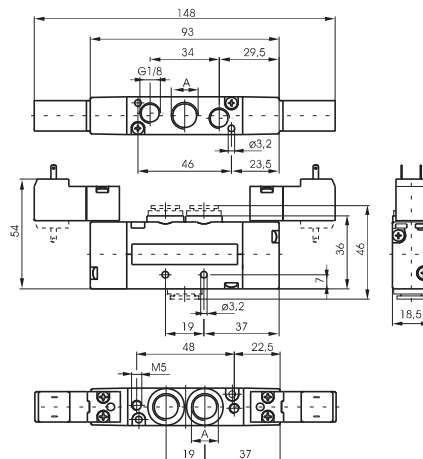
1 = G1/4"
5 = G1/8"
6 = quick fitting tube Ø6
8 = quick fitting tube Ø8

FUNCTION

44 = 2 Coils 3/2 NC
45 = 1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)
55 = 2 Coils 3/2 NO
54 = 1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)

COIL VOLTAGE

01 = 12V DC
02 = 24V DC
05 = 24V AC
06 = 110V AC
07 = 220V AC
08 = 24V DC 1 Watt
09 = 24V DC Earth Faston
11 = 12V DC Downward
12 = 24V DC Downward
15 = 24V AC Downward
16 = 110V AC Downward
17 = 220V AC Downward
18 = 24V DC 1 Watt Downward
19 = 24V DC Earth Faston Downward



Operational characteristic

Example: if inlet pressure is set at 5bar then pilot pressure must be at least $P_p = 1,5 + (0,2 \times 5) = 2,5\text{bar}$

Fluid	Flow rate at 6 bar with $\Delta p = 1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)	For dimension "A":
Filtered air, with or without lubrication	450	10	7	-5 ÷ +50	$\geq 1,5 + (0,2 \times P_{\text{alim}})$	250	see ordering code

Pneumatic - Spring

Ordering code

243A.52.00.19

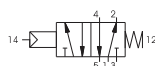
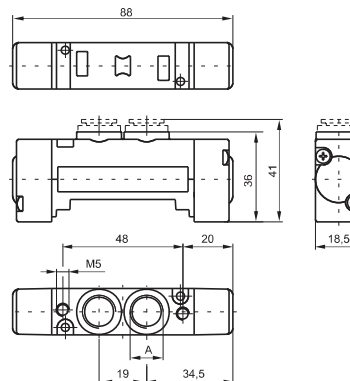
CONNECTIONS

1 = G1/4"

5 = G1/8"

6 = quick fitting tube Ø6

8 = quick fitting tube Ø8



For dimension "A" see ordering code

Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	105	-5 ÷ +50

Pneumatic - Differential / Differential external

Ordering code

243A.52.00.V

CONNECTIONS

1 = G1/4"

5 = G1/8"

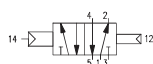
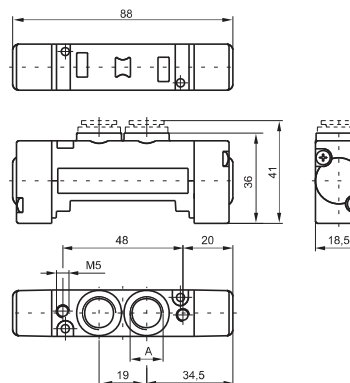
6 = quick fitting tube Ø6

8 = quick fitting tube Ø8

VERSION

16 = Pneumatic - Differential

17 = Pneumatic Differential ext.



For dimension "A" see ordering code

Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	105	-5 ÷ +50

Pneumatic - Pneumatic

Ordering code

243A.52.00.18

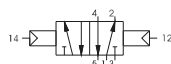
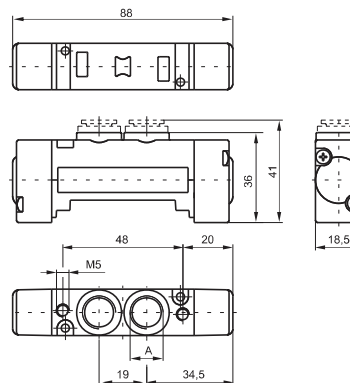
CONNECTIONS

1 = G1/4"

5 = G1/8"

6 = quick fitting tube Ø6

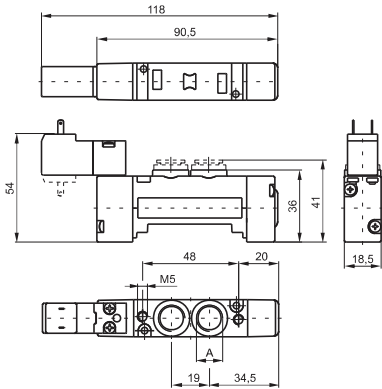
8 = quick fitting tube Ø8

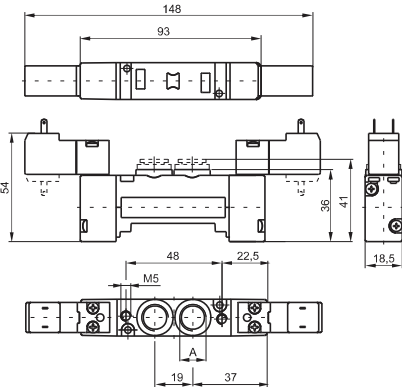


For dimension "A" see ordering code

Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	1,5	105	-5 ÷ +50

Miniature solenoid - Spring / Differential							
Ordering code							
243A.52.00.V.T							
CONNECTIONS							
1 = G1/4"							
A 5 = G1/8"							
6 = quick fitting tube Ø6							
8 = quick fitting tube Ø8							
VERSION							
39 = Sol. - Spring							
29 = Sol. ext. - Spring							
V 36 = Sol. - Differ.							
37 = Sol. ext. - Differ. ext.							
26 = Sol. ext. - Differ.							
27 = Sol. ext. - Differ. ext.							
COIL VOLTAGE							
01 = 12V DC							
02 = 24V DC							
05 = 24V AC							
06 = 110V AC							
07 = 220V AC							
08 = 24V DC 1 Watt							
T 09 = 24V DC Earth Faston							
11 = 12V DC Downward							
12 = 24V DC Downward							
15 = 24V AC Downward							
16 = 110V AC Downward							
17 = 220V AC Downward							
18 = 24V DC 1 Watt Downward							
19 = 24V DC Earth Faston Downward							
							
							
For dimension "A" see ordering code							
							
Operational characteristic							
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	2	140	-5 ÷ +50

Miniature solenoid - Miniature solenoid							
Ordering code							
243A.52.00.V.T							
CONNECTIONS							
1 = G1/4"							
A 5 = G1/8"							
6 = quick fitting tube Ø6							
8 = quick fitting tube Ø8							
VERSION							
V 35 = Sol. - Sol.							
24 = Sol. ext. - Sol. ext.							
COIL VOLTAGE							
01 = 12V DC							
02 = 24V DC							
05 = 24V AC							
06 = 110V AC							
07 = 220V AC							
08 = 24V DC 1 Watt							
T 09 = 24V DC Earth Faston							
11 = 12V DC Downward							
12 = 24V DC Downward							
15 = 24V AC Downward							
16 = 110V AC Downward							
17 = 220V AC Downward							
18 = 24V DC 1 Watt Downward							
19 = 24V DC Earth Faston Downward							
							
							
For dimension "A" see ordering code							
							
Operational characteristic							
Fluid	Flow rate at 6 bar with Δp=1 (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	800	10	7	M5	1,5	175	-5 ÷ +50

Pneumatic - Pneumatic

Ordering code

243A.53.F.18

CONNECTIONS

1 = G1/4"

5 = G1/8"

6 = quick fitting tube Ø6

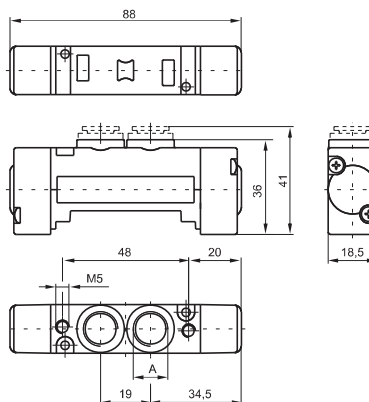
8 = quick fitting tube Ø8

FUNCTION

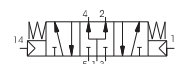
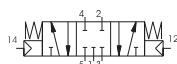
31 = Closed centres

32 = Open centres

33 = Pressured centres



For dimension "A" see ordering code



Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Pilot ports size	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	650	10	7	M5	3	115	-5 ÷ +50

Miniature solenoid - Miniature solenoid

Ordering code

243A.53.F.V.T

CONNECTIONS

1 = G1/4"

5 = G1/8"

6 = quick fitting tube Ø6

8 = quick fitting tube Ø8

FUNCTION

31 = Closed centres

32 = Open centres

33 = Pressured centres

VERSION

24 = Sol. ext. - Sol. ext.

35 = Sol. - Sol.

COIL VOLTAGE

01 = 12V DC

02 = 24V DC

05 = 24V AC

06 = 110V AC

07 = 220V AC

08 = 24V DC 1 Watt

09 = 24V DC Earth Faston

11 = 12V DC Downward

12 = 24V DC Downward

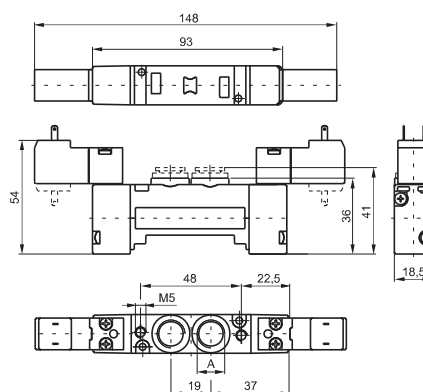
15 = 24V AC Downward

16 = 110V AC Downward

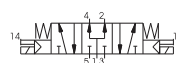
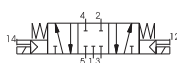
17 = 220V AC Downward

18 = 24V DC 1 Watt Downward

19 = 24V DC Earth Faston Downward



For dimension "A" see ordering code



Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (Nl/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	650	10	7	3	185	-5 ÷ +50



2

Pneumatic - Pneumatic

Ordering code

243A.62.V.18

CONNECTIONS

1 = G1/4"

5 = G1/8"

6 = quick fitting tube Ø6

8 = quick fitting tube Ø8

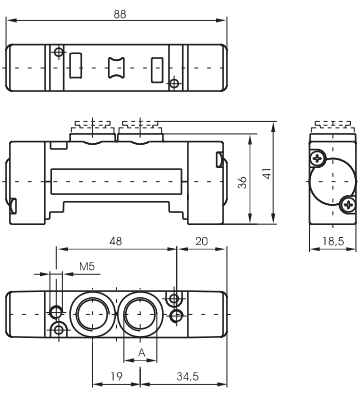
VERSION

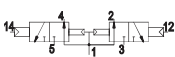
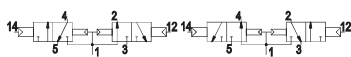
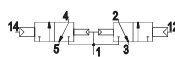
44 = 2 Coils 3/2 NC

45 = 1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)

55 = 2 Coils 3/2 NO

54 = 1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)





Operational characteristic		Example: if inlet pressure is set at 5bar then pilot pressure must be at least $P_p=1,5+(0,2*5)=2,5\text{bar}$					
Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)	For dimension "A":
Filtered air, with or without lubrication	450	10	7	-5 ÷ +50	$\geq 1,5+(0,2xP_{alim.})$	110	see ordering code

Miniature solenoid - Miniature solenoid

Ordering code

243A.62.V.35.T

CONNECTIONS

1 = G1/4"

5 = G1/8"

6 = quick fitting tube Ø6

8 = quick fitting tube Ø8

VERSION

44 = 2 Coils 3/2 NC

45 = 1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)

55 = 2 Coils 3/2 NO

54 = 1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)

COIL VOLTAGE

01 = 12V DC

02 = 24V DC

05 = 24V AC

06 = 110V AC

07 = 220V AC

08 = 24V DC 1 Watt

09 = 24V DC Earth Faston

11 = 12V DC Downward

12 = 24V DC Downward

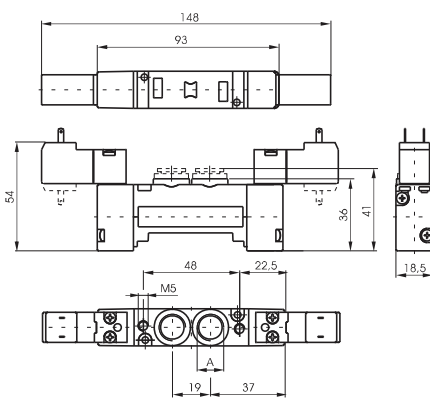
15 = 24V AC Downward

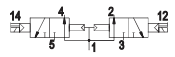
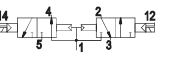
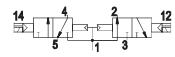
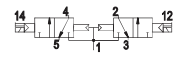
16 = 110V AC Downward

17 = 220V AC Downward

18 = 24V DC 1 Watt Downward

19 = 24V DC Earth Faston Downward





Operational characteristic		Example: if inlet pressure is set at 5bar then pilot pressure must be at least $P_p=1,5+(0,2*5)=2,5\text{bar}$					
Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)	For dimension "A":
Filtered air, with or without lubrication	450	10	7	-5 ÷ +50	$\geq 1,5+(0,2xP_{alim.})$	190	see ordering code

Modular base

Ordering code

2430.V

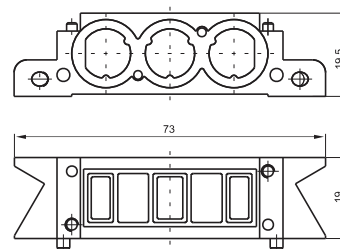
VERSION

01 = Modular base

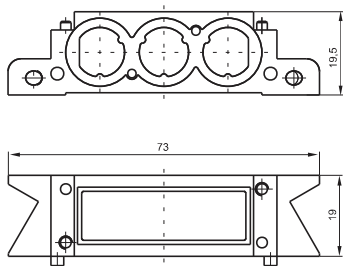
V 06 = Supply and exhaust closed

07 = Supply closed

08 = Exhaust closed



Blank base

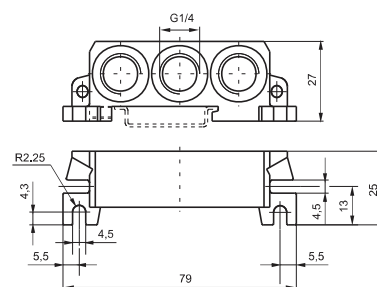


Ordering code

2430.05

Weight gr. 85

Right inlet base

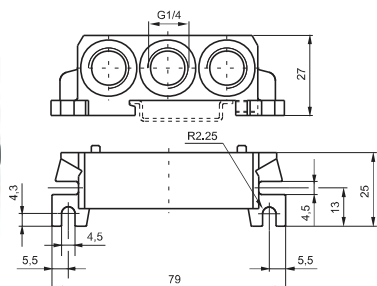


Ordering code

2430.02

Weight gr. 120

Left inlet base

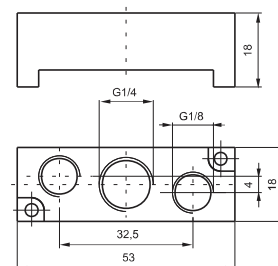


Ordering code

2430.03

Weight gr. 125

Intermediate air intake

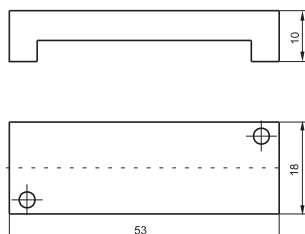


Ordering code

2430.10

Weight gr. 30
to be assembled of a valve

Closing plate



Ordering code

2430.00

Weight gr. 20

Diaphragm plug



Ordering code

2430.17

Weight gr. 5



Pneumatic - Spring

Ordering code

2445.52.00.19

Operational characteristic						
Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	2	155	-5 ÷ +50

Pneumatic - Differential / Differential external

Ordering code

2445.52.00.16

VERSION

16 = Pneum. - Diff./al

17 = Pneum. - Diff./al ext.

Operational characteristic						
Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	2	155	-5 ÷ +50

Pneumatic - Pneumatic

Ordering code

2445.52.00.18

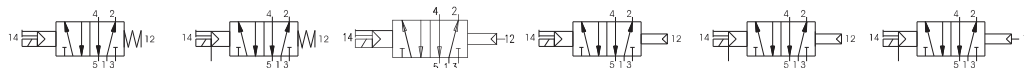
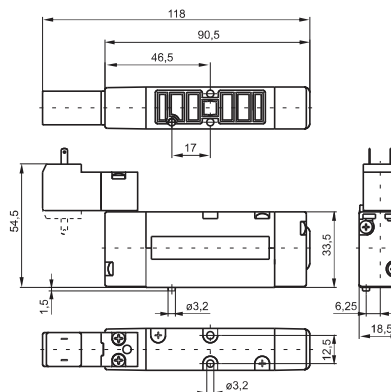
Operational characteristic						
Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	500	10	5	1,5	155	-5 ÷ +50

Miniature solenoid - Spring / Differential

Ordering code

244E.52.00.V.T

- E** TYPE ELECTROPILOT EXHAUST
1=on base (only for self feeding valves)
5=on pilot (for all version)
- V** VERSION
39 = Sv. - Spring
29 = Sv. ext. - Spring
36 = Sv. - Diff./al
37 = Sv. - Diff./al ext.
26 = Sv. ext. - Differ.
27 = Sv. ext. - Differ. ext.
- T** COIL VOLTAGE
01 = 12V DC
02 = 24V DC
05 = 24V AC
06 = 110V AC
07 = 220V AC
08 = 24V DC 1 Watt
09 = 24V DC Earth Faston
11 = 12V DC Downward
12 = 24V DC Downward
15 = 24V AC Downward
16 = 110V AC Downward
17 = 220V AC Downward
18 = 24V DC 1 Watt Downward
19 = 24V DC Earth Faston Downward



Operational characteristic

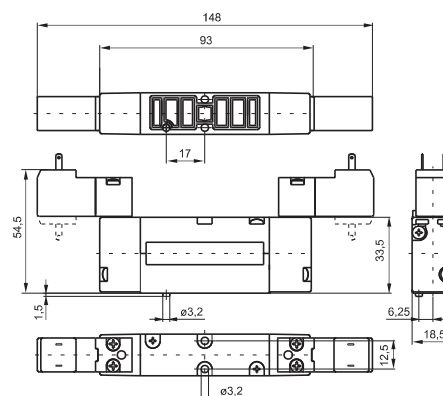
Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	2	190	-5 ÷ +50

Miniature solenoid - Miniature solenoid

Ordering code

244E.52.00.V.T

- E** TYPE ELECTROPILOT EXHAUST
1=on base (only for self feeding valves)
5=on pilot (for all version)
- V** VERSION
35 = Sv. - Sv.
24 = Sv. ext. - Sv. ext.
- T** COIL VOLTAGE
01 = 12V DC
02 = 24V DC
05 = 24V AC
06 = 110V AC
07 = 220V AC
08 = 24V DC 1 Watt
09 = 24V DC Earth Faston
11 = 12V DC Downward
12 = 24V DC Downward
15 = 24V AC Downward
16 = 110V AC Downward
17 = 220V AC Downward
18 = 24V DC 1 Watt Downward
19 = 24V DC Earth Faston Downward

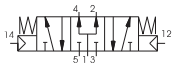
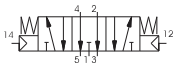
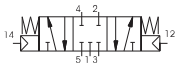
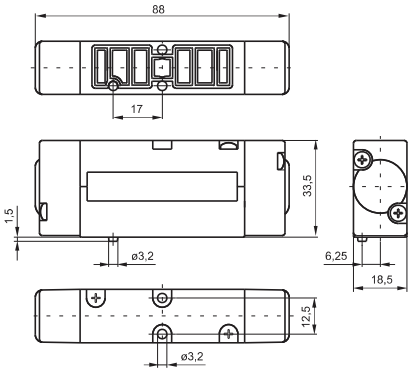


Operational characteristic

Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	1,5	225	-5 ÷ +50

Pneumatic - Pneumatic

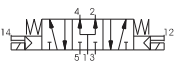
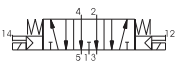
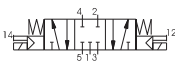
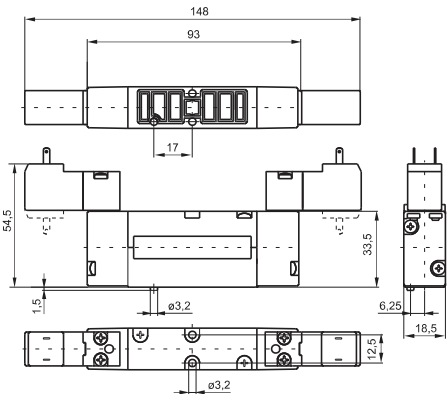
Ordering code	
244E.53.F.18	
E	TYPE ELECTROPILOT EXHAUST
	1=on base (only for self feeding valves)
	5=on pilot (for all version)
FUNCTION	
F	31 = Closed centres
	32 = Open centres
	33 = Pressured centres



Operational characteristic						
Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	3	165	-5 ÷ +50

Miniature solenoid - Miniature solenoid

Ordering code	
244E.53.F.V.T	
E	TYPE ELECTROPILOT EXHAUST
	1=on base (only for self feeding valves)
	5=on pilot (for all version)
FUNCTION	
F	31 = Closed centres
	32 = Open centres
	33 = Pressured centres
VERSION	
V	35 = Sv. - Sv.
	24 = Sv. ext. - Sv. ext.
COIL VOLTAGE	
T	01 = 12V DC
	02 = 24V DC
	05 = 24V AC
	06 = 110V AC
	07 = 220V AC
	08 = 24V DC 1 Watt
	09 = 24V DC Earth Faston
	11 = 12V DC Downward
	12 = 24V DC Downward
	15 = 24V AC Downward
	16 = 110V AC Downward
	17 = 220V AC Downward
	18 = 24V DC 1 Watt Downward
	19 = 24V DC Earth Faston Downward



Operational characteristic						
Fluid	Flow rate at 6 bar with $\Delta p=1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Minimum piloting pressure (bar)	Weight (gr.)	Temperature °C
Filtered air, with or without lubrication	550	10	5	3	235	-5 ÷ +50

Pneumatic - Pneumatic

Ordering code

2445.62.F.18

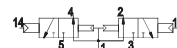
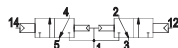
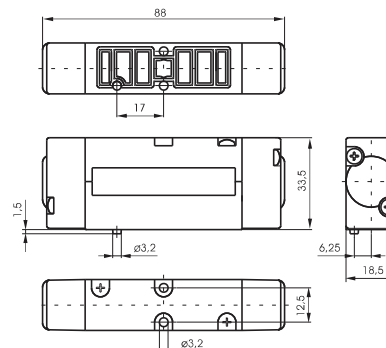
FUNCTION

44 = 2 Coils 3/2 NC

45 = 1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)

55 = 2 Coils 3/2 NO

54 = 1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)



Operational characteristic

Example: if inlet pressure is set at 5bar then pilot pressure must be at least $P_p = 1,5 + (0,2 \times 5) = 2,5\text{bar}$

Fluid	Flow rate at 6 bar with $\Delta p = 1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)	For dimension "A":
Filtered air, with or without lubrication	550	10	5	-5 ÷ +50	$\geq 1,5 + (0,2 \times P_{\text{alim.}})$	170	see ordering code

Miniature solenoid - Miniature solenoid

Ordering code

2445.62.F.35.T

FUNCTION

44 = 2 Coils 3/2 NC

45 = 1 Coil 3/2 NC (14) + 1 Coil 3/2 NO (12)

55 = 2 Coils 3/2 NO

54 = 1 Coil 3/2 NO (14) + 1 Coil 3/2 NC (12)

COIL VOLTAGE

01 = 12V DC

02 = 24V DC

05 = 24V AC

06 = 110V AC

07 = 220V AC

08 = 24V DC 1 Watt

09 = 24V DC Earth Faston

11 = 12V DC Downward

12 = 24V DC Downward

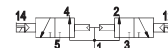
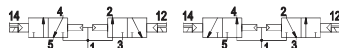
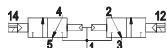
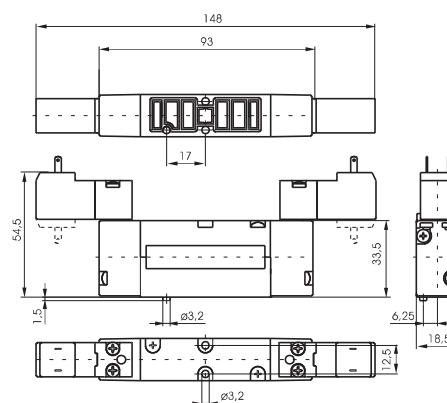
15 = 24V AC Downward

16 = 110V AC Downward

17 = 220V AC Downward

18 = 24V DC 1 Watt Downward

19 = 24V DC Earth Faston Downward



Operational characteristic

Example: if inlet pressure is set at 5bar then pilot pressure must be at least $P_p = 1,5 + (0,2 \times 5) = 2,5\text{bar}$

Fluid	Flow rate at 6 bar with $\Delta p = 1$ (NI/min)	Max working pressure (bar)	Orifice size (mm)	Temperature °C	Minimum piloting pressure (bar)	Weight (gr.)	For dimension "A":
Filtered air, with or without lubrication	550	10	5	-5 ÷ +50	$\geq 1,5 + (0,2 \times P_{\text{alim.}})$	250	see ordering code



Modular base

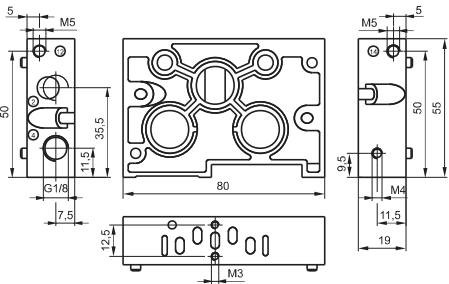
Ordering code

2440.V

VERSION

01 = standard base

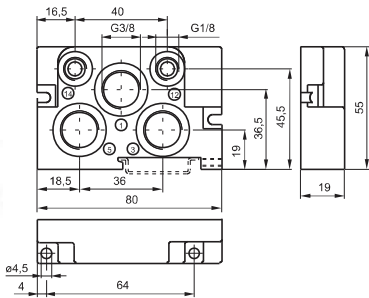
11 = Modular base for single separate inlet



* Used to supply a single spool valve with an external pilot signal. Threaded ports 12 and 14 are connected to the valve via the base / valve interface, while the cross sectional drillings in the base are blanked off."

Weight gr. 110

Right inlet base

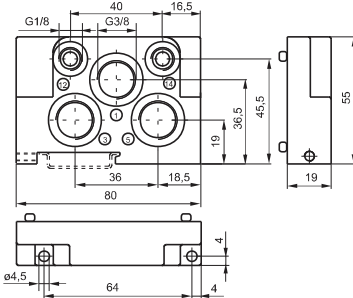


Ordering code

2440.02

Weight gr. 110

Left inlet base

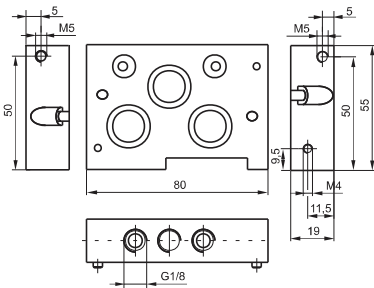


Ordering code

2440.03

Weight gr. 110

Intermediate air intake

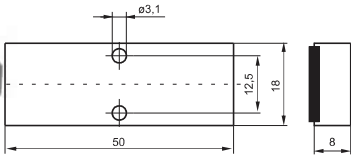


Ordering code

2440.10

Weight gr. 185

Closing plate



Ordering code

2440.00

Weight gr. 185

Diaphragm plug

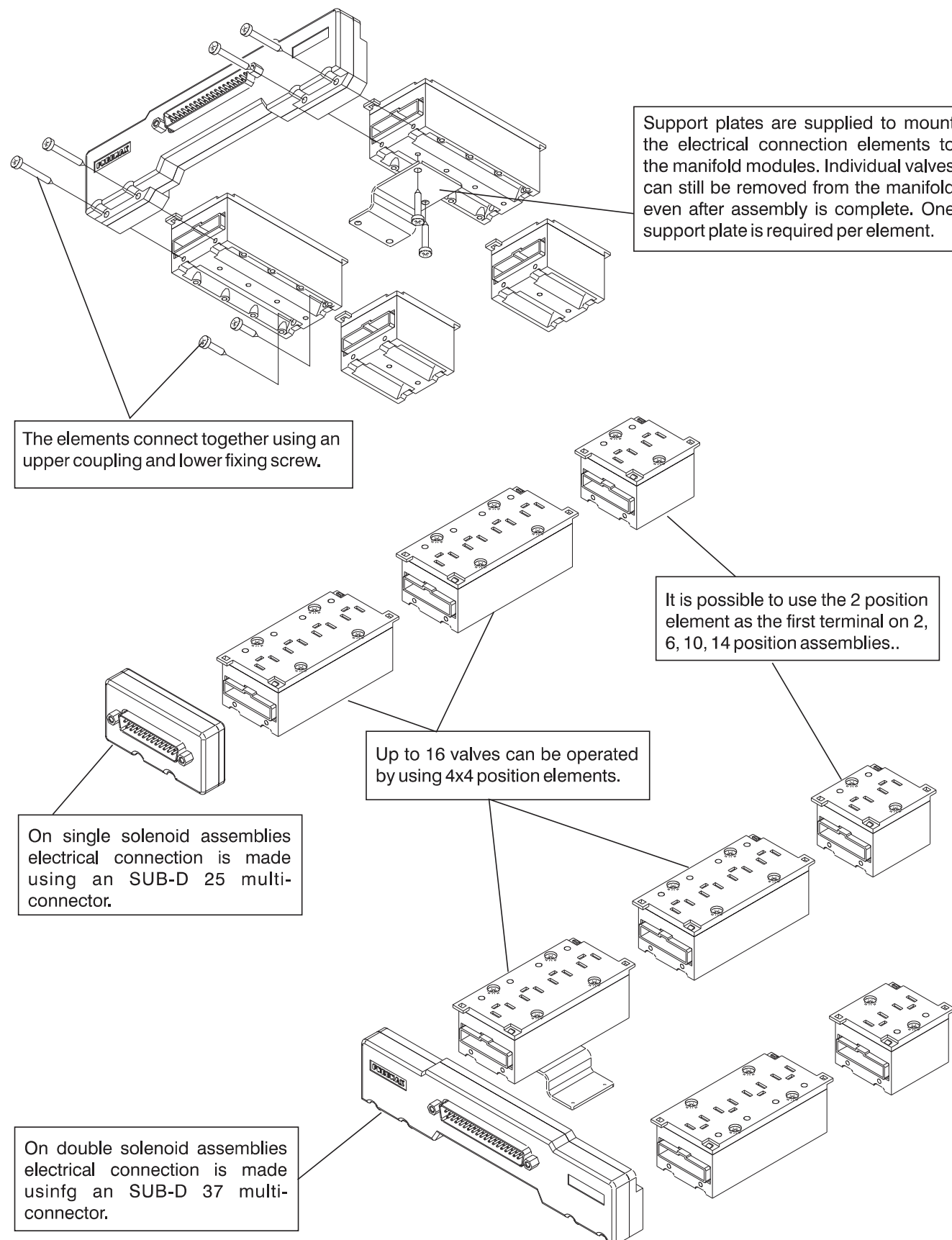
Ordering code

2440.17



The integral electrical design for the series 2400 valve is extremely flexible, allowing the production of pre-wired solenoid valve manifolds, the configuration of which can be determined at the point of assembly. The 24 VDC, 12 VDC (equivalent PNP) and 24 VAC* modules are available with 2 or 4 positions. The system assembled is designed for an IP40 protection. IP65 is available on request.

* Attention : If the working tension is 24 VAC DO NOT using modules with protection diode





4 positions module		Ordering code	2 positions module															
		2400. P.T																
		<table><tr><td rowspan="3">P</td><td>PLACES</td></tr><tr><td>04 = 4 Places</td></tr><tr><td>02 = 2 Places</td></tr><tr><td rowspan="9">T</td><td>TYPE</td></tr><tr><td>00=Left IP40-PNP</td></tr><tr><td>02=Left IP40-PNP with protection diode PNP*</td></tr><tr><td>10 = Left IP65-PNP</td></tr><tr><td>12 = Left IP65-PNP with protection diode*</td></tr><tr><td>01 = Right IP40-PNP</td></tr><tr><td>03 = Right IP40-PNP with protection diode*</td></tr><tr><td>11 = Right IP65-PNP</td></tr><tr><td>13 = Right IP65-PNP with protection diode*</td></tr></table>	P	PLACES	04 = 4 Places	02 = 2 Places	T	TYPE	00=Left IP40-PNP	02=Left IP40-PNP with protection diode PNP*	10 = Left IP65-PNP	12 = Left IP65-PNP with protection diode*	01 = Right IP40-PNP	03 = Right IP40-PNP with protection diode*	11 = Right IP65-PNP	13 = Right IP65-PNP with protection diode*		
P	PLACES																	
	04 = 4 Places																	
	02 = 2 Places																	
T	TYPE																	
	00=Left IP40-PNP																	
	02=Left IP40-PNP with protection diode PNP*																	
	10 = Left IP65-PNP																	
	12 = Left IP65-PNP with protection diode*																	
	01 = Right IP40-PNP																	
	03 = Right IP40-PNP with protection diode*																	
	11 = Right IP65-PNP																	
	13 = Right IP65-PNP with protection diode*																	
Weight gr. 50 * only for VDC			Weight gr. 30 * only for VDC															

37 contacts front connector IP65	25 contacts front connector IP65												
<table><tr><td>Ordering code</td><td></td></tr><tr><td>2400.37.10</td><td></td></tr><tr><td>Weight gr. 120 - IP 65 protection grade is achieved using the IP65 Pneumax Cable</td><td></td></tr></table>	Ordering code		2400.37.10		Weight gr. 120 - IP 65 protection grade is achieved using the IP65 Pneumax Cable		<table><tr><td>Ordering code</td><td></td></tr><tr><td>2400.25.10</td><td></td></tr><tr><td>Weight gr. 40 - IP 65 protection grade is achieved using the IP65 Pneumax Cable</td><td></td></tr></table>	Ordering code		2400.25.10		Weight gr. 40 - IP 65 protection grade is achieved using the IP65 Pneumax Cable	
Ordering code													
2400.37.10													
Weight gr. 120 - IP 65 protection grade is achieved using the IP65 Pneumax Cable													
Ordering code													
2400.25.10													
Weight gr. 40 - IP 65 protection grade is achieved using the IP65 Pneumax Cable													

Plug	Closing plate electrical positions												
<table><tr><td>Ordering code</td><td></td></tr><tr><td>2400.00</td><td></td></tr><tr><td>Weight gr. 5</td><td></td></tr></table>	Ordering code		2400.00		Weight gr. 5		<table><tr><td>Ordering code</td><td></td></tr><tr><td>2400.15.00</td><td></td></tr><tr><td>Weight gr. 2</td><td></td></tr></table>	Ordering code		2400.15.00		Weight gr. 2	
Ordering code													
2400.00													
Weight gr. 5													
Ordering code													
2400.15.00													
Weight gr. 2													

VDMA support plate	FLAT support plate												
<table><tr><td>Ordering code</td><td></td></tr><tr><td>2440.50</td><td></td></tr><tr><td>Weight gr. 20</td><td></td></tr></table>	Ordering code		2440.50		Weight gr. 20		<table><tr><td>Ordering code</td><td></td></tr><tr><td>2430.50</td><td></td></tr><tr><td>Weight gr. 20</td><td></td></tr></table>	Ordering code		2430.50		Weight gr. 20	
Ordering code													
2440.50													
Weight gr. 20													
Ordering code													
2430.50													
Weight gr. 20													

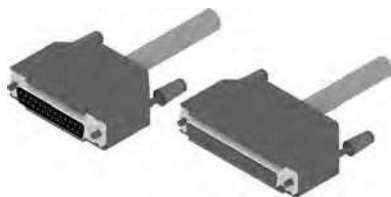
4 positions box with 25 contacts connector	15mm male connector with 2 metres cable												
<table><tr><td>Ordering code</td><td></td></tr><tr><td>2400.04.25</td><td></td></tr><tr><td>Weight gr. 65</td><td></td></tr></table>	Ordering code		2400.04.25		Weight gr. 65		<table><tr><td>Ordering code</td><td></td></tr><tr><td>2400.15.02</td><td></td></tr><tr><td>Weight gr. 98</td><td></td></tr></table>	Ordering code		2400.15.02		Weight gr. 98	
Ordering code													
2400.04.25													
Weight gr. 65													
Ordering code													
2400.15.02													
Weight gr. 98													

In line cable complete with connector IP40

Ordering code

2400.T.L.00

T	CONNECTOR TYPE
	25 = 25 contacts 37 = 37 contacts
L	CABLE LENGTH
	03 = 3 meters
	05 = 5 meters
	10 = 10 meters



Cable complete with connector, 25 Poles IP65

Ordering code

2300.25.L.C

L	CABLE LENGTH
	03 = 3 meters
	05 = 5 meters
	10 = 10 meters
C	CONNECTOR
	10 = In line
	90 = a 90°



Cable complete with connector, 37 Poles IP65

Ordering code

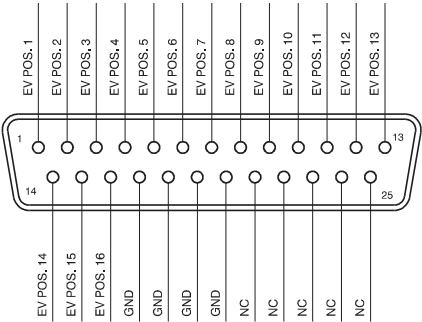
2400.37.L.C

L	CABLE LENGTH
	03 = 3 meters
	05 = 5 meters
	10 = 10 meters
C	CONNECTOR
	10 = In line
	90 = a 90°

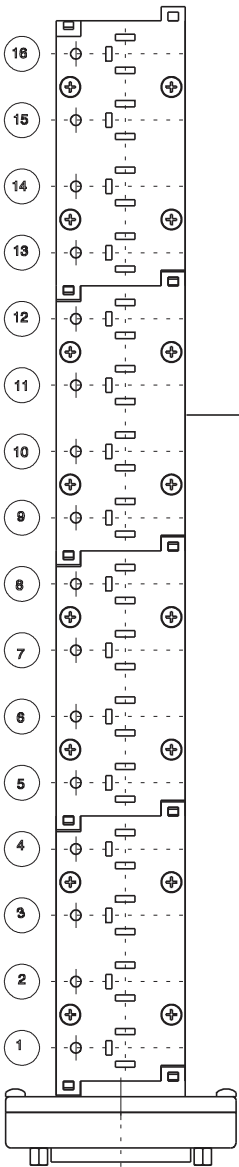
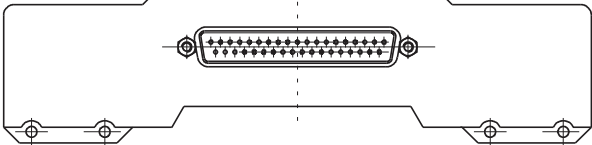
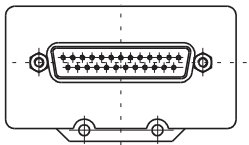
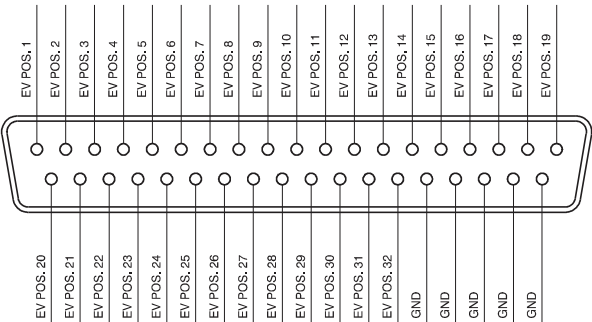




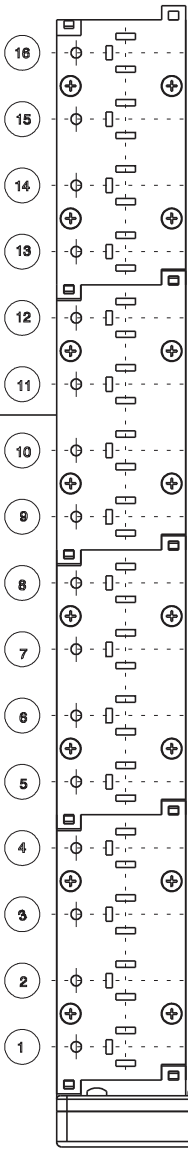
SUB-D 25 CONTACTS
CONNECTOR



SUB-D 37 CONTACTS
CONNECTOR



Left modules



Right modules

