Series 2600

They have been designed to be easily assembled into groups or manifolds.
The 2600 series comprises a range of products classified according to the body size of 26mm divided into 3 types "LINE", "FLAT" and "VDMA".
Is not included the integral electrical connection

Construction characteristics

Central body	Extruded aluminium bar with chemical nickel treatment and PTFE (polytetrafleurethylene)
Connection plates	Die-cast aluminium
Spool seals	Oil resistant nitrile rubber-HNBR
Springs	AISI 302 stainless steel
Operators	Technopolymer
Pistons	Technopolymer
Spools	Aluminium 2011

Ordering codes for minature solenoid valves

The 15 mm. miniature solenoid valve with 1,1 mm. orifice has been selected for piloting this series of valves (see Series 300).
This results in low response times and reduced power consumption.
The valve can be supplied with the coil upward or downward (multipolar connections) depending on the application.
Codes are as follows:

Coil upward code

01 = miniature sol. + 12 V DC
02 = miniature sol. + 24 V DC
05 = miniature sol. + 24 V AC
06 = miniature sol. 110 V AC
07 = miniature sol. 230 V AC
08 = miniature sol. + 24 V DC 1W
09 = miniature sol. + 24 V DC Earth faston

Coil downward code

11 = miniature sol. + 12 V DC
12 = miniature sol. + 24 V DC
15 = miniature sol. + 24 V AC
16 = miniature sol. 110 V AC
17 = miniature sol. 230 V AC
18 = miniature sol. + 24 V DC 1W
19 = miniature sol. + 24 V DC Earth faston

Miniature solenoid c UL us homologated are available (see Series 300).

Use and maintenance

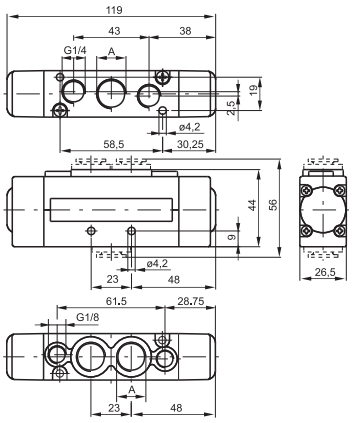
The average life of the solenoid valve exceeds 50.000.000 cycles when used under optimum conditions.
Adequate lubrication reduces seals wear, just as proper filtering of supply air prevents the build-up of dirt that can cause malfunction.
Ensure the valve is used within our recommended criteria for pressure and temperature.
In dirty or dusty environments, the exhaust ports should be protected.
Seals kits are available for repairs.
Repairs must be made exclusively by specialized personnel.

Pneumatic - Spring

Coding: 261Ⓐ.52.00.19

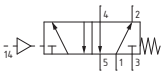
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9
Pilot ports size	G1/8"

	CONNECTION A
Ⓐ	**1** = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10



Weight 235 g
Minimum pilot pressure 2 bar

For dimension "A" see ordering code

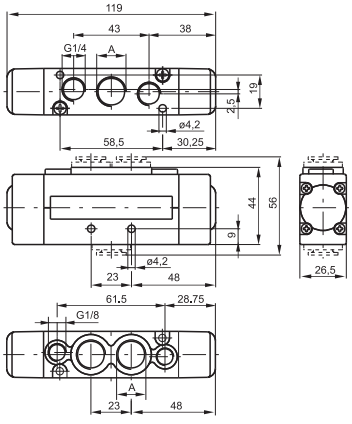


Pneumatic-Differential

Coding: 261Ⓐ.52.00.16

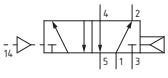
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9
Pilot ports size	G1/8"

	CONNECTION A
Ⓐ	**1** = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10



Weight 235 g
Minimum pilot pressure 2 bar

For dimension "A" see ordering code

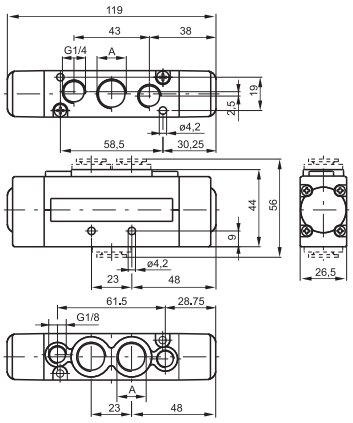


Pneumatic - Differential (External)

Coding: 261Ⓐ.52.00.17

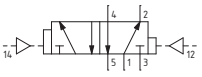
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9
Pilot ports size	G1/8"

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10



Weight 235 g
Minimum pilot pressure 2 bar

For dimension "A" see ordering code

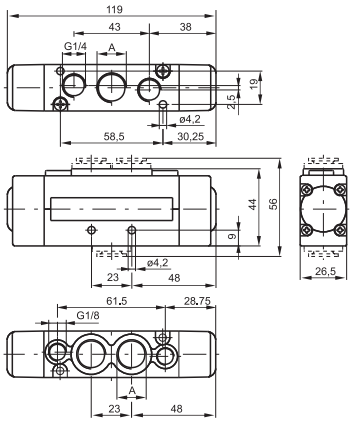


Pneumatic - Pneumatic

Coding: 261Ⓐ.52.00.18

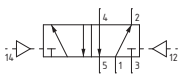
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9
Pilot ports size	G1/8"

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10



Weight 235 g
Minimum pilot pressure 1,5 bar

For dimension "A" see ordering code

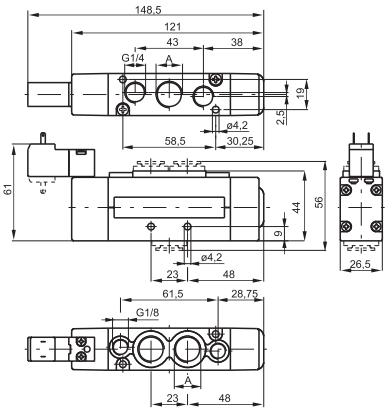


Solenoid-Spring/Differerential

Coding: 261Ⓐ.52.00.Ⓥ.Ⓣ

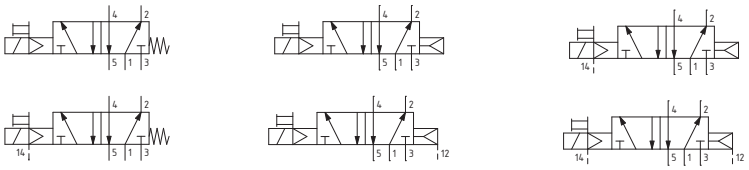
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10
Ⓥ	VERSION
	39 = Solenoid-Spring
	29 = Solenoid external-Spring
	36 = Solenoid-Differential
	37 = Solenoid-Differerential external
	26 = Solenoid external-Differerential
	27 = Solenoid external-Differerential external
Ⓣ	VOLTAGE
	01 = + 12 V DC
	02 = + 24 V DC
	05 = + 24 V AC
	06 = 110 V AC
	07 = 230 V AC
	08 = + 24 V DC 1W
	09 = + 24 V DC Earth faston
	11 = + 12 V DC downward
	12 = + 24 V DC downward
	15 = + 24 V AC downward
	16 = 110 V AC downward
	17 = 230 V AC downward
	18 = + 24 V DC 1W downward
	19 = + 24 V DC Earth faston downward



For dimension "A" see ordering code

Weight 275 g
Minimum pilot pressure 2 bar

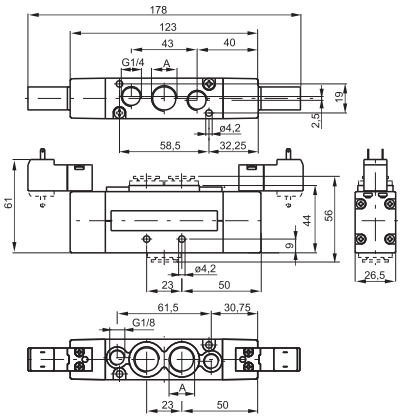


Solenoid - Solenoid

Coding: 261Ⓐ.52.00.Ⓥ.Ⓣ

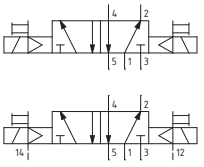
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10
Ⓥ	VERSION
	35 = Solenoid-Solenoid
	24 = Solenoid external-Solenoid external
Ⓣ	VOLTAGE
	01 = + 12 V DC
	02 = + 24 V DC
	05 = + 24 V AC
	06 = 110 V AC
	07 = 230 V AC
	08 = + 24 V DC 1W
	09 = + 24 V DC Earth faston
	11 = + 12 V DC downward
	12 = + 24 V DC downward
	15 = + 24 V AC downward
	16 = 110 V AC downward
	17 = 230 V AC downward
	18 = + 24 V DC 1W downward
	19 = + 24 V DC Earth faston downward



For dimension "A" see ordering code

Weight 295 g
Minimum pilot pressure 1,5 bar

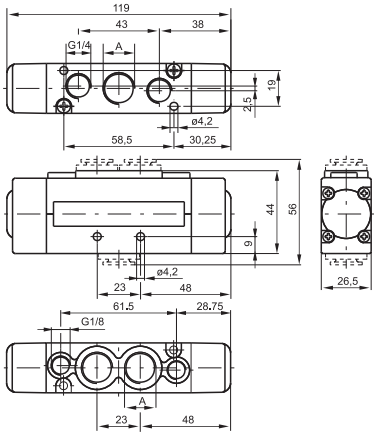


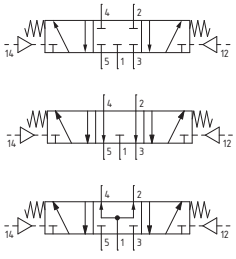
Pneumatic-Pneumatic 5/3

Coding: 261Ⓐ.53.Ⓕ.18

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1350
Orifice size (mm)	9
Pilot ports size	M5

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10
Ⓕ	FUNCTION
	31 = Closed centres
	32 = Open centres
	33 = Pressured centres





Weight 245 g
Minimum pilot pressure 3 bar

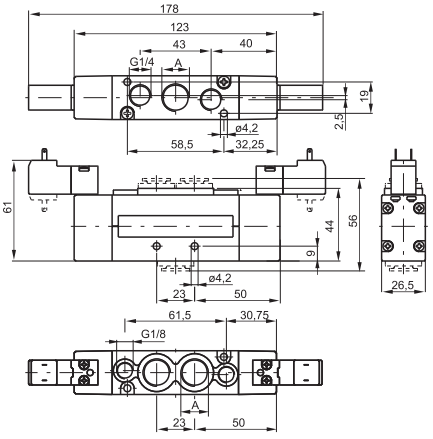
For dimension "A" see ordering code

Solenoid - Solenoid 5/3

Coding: 261Ⓐ.53.Ⓕ.Ⓥ.Ⓣ

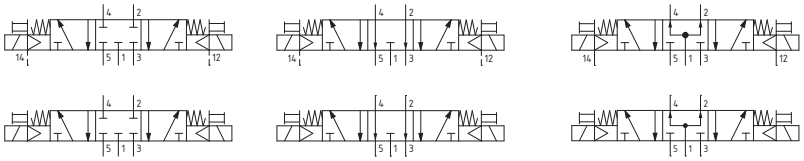
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1350
Orifice size (mm)	9

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10
Ⓕ	FUNCTION
	31 = Closed centres
	32 = Open centres
	33 = Pressured centres
Ⓥ	VERSION
	24 = Solenoid external-Solenoid external
	35 = Solenoid-Solenoid
Ⓣ	VOLTAGE
	01 = + 12 V DC
	02 = + 24 V DC
	05 = + 24 V AC
	06 = 110 V AC
	07 = 230 V AC
	08 = + 24 V DC 1W
	09 = + 24 V DC Earth faston
	11 = + 12 V DC downward
	12 = + 24 V DC downward
	15 = + 24 V AC downward
	16 = 110 V AC downward
	17 = 230 V AC downward
	18 = + 24 V DC 1W downward
	19 = + 24 V DC Earth faston downward



Weight 245 g
Minimum pilot pressure 3 bar

For dimension "A" see ordering code

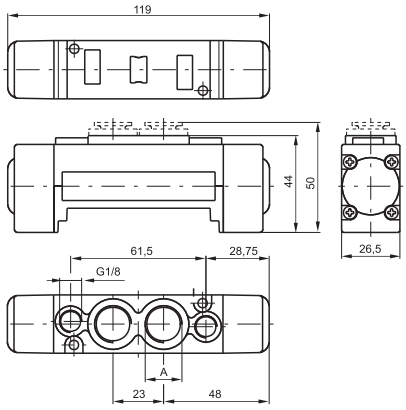


Pneumatic - Spring

Coding: 263Ⓐ.52.00.19

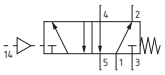
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9
Pilot ports size	M5

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10



Weight 185 g
Minimum pilot pressure 2 bar

For dimension "A" see ordering code

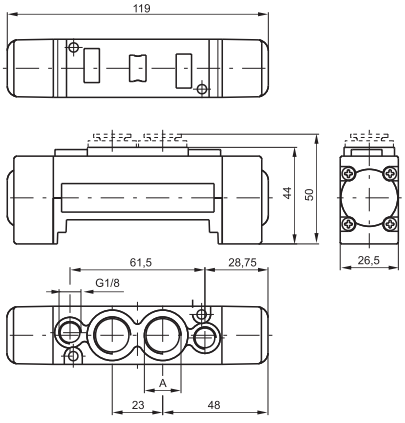


Pneumatic-Differential

Coding: 263Ⓐ.52.00.16

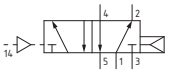
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9
Pilot ports size	M5

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10



Weight 185 g
Minimum pilot pressure 2 bar

For dimension "A" see ordering code

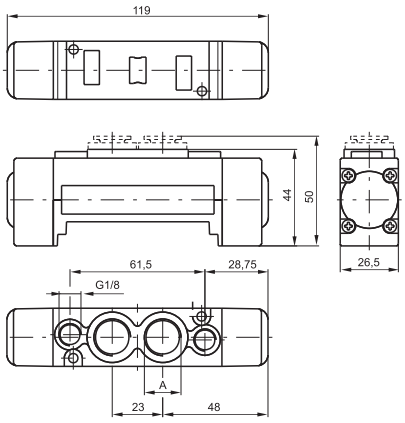


Pneumatic - Differential (External)

Coding: 263Ⓐ.52.00.17

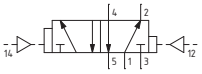
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9
Pilot ports size	M5

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10



Weight 185 g
Minimum pilot pressure 2 bar

For dimension "A" see ordering code

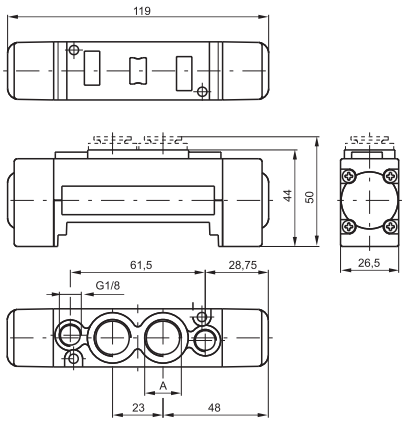


Pneumatic - Pneumatic

Coding: 263Ⓐ.52.00.18

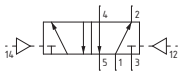
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9
Pilot ports size	M5

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10



Weight 185 g
Minimum pilot pressure 1,5 bar

For dimension "A" see ordering code

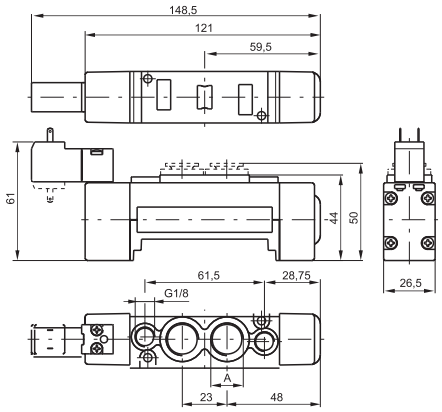


Solenoid-Spring/Differerential

Coding: 263Ⓐ.52.00.Ⓥ.Ⓣ

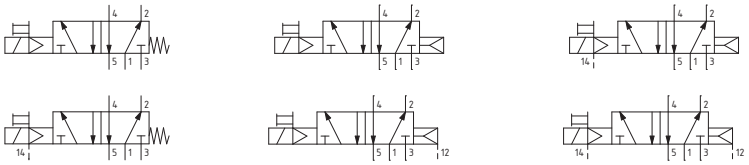
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10
Ⓥ	VERSION
	39 = Solenoid-Spring
	29 = Solenoid external-Spring
	36 = Solenoid-Differential
	37 = Solenoid-Differerential external
	26 = Solenoid external-Differerential
	27 = Solenoid external-Differerential external
Ⓣ	VOLTAGE
	01 = + 12 V DC
	02 = + 24 V DC
	05 = + 24 V AC
	06 = 110 V AC
	07 = 230 V AC
	08 = + 24 V DC 1W
	09 = + 24 V DC Earth faston
	11 = + 12 V DC downward
	12 = + 24 V DC downward
	15 = + 24 V AC downward
	16 = 110 V AC downward
	17 = 230 V AC downward
	18 = + 24 V DC 1W downward
	19 = + 24 V DC Earth faston downward



For dimension "A" see ordering code

Weight 220 g
Minimum pilot pressure 2 bar

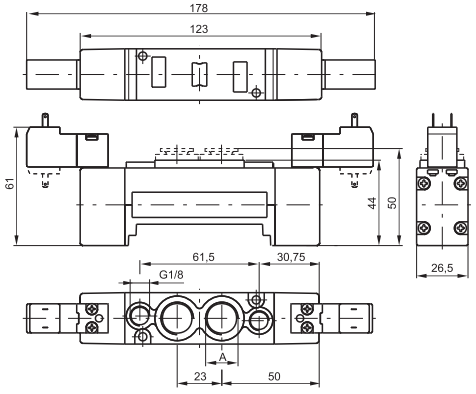


Solenoid - Solenoid

Coding: 263Ⓐ.52.00.Ⓥ.Ⓣ

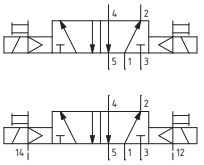
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1500
Orifice size (mm)	9

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10
Ⓥ	VERSION
	35 = Solenoid-Solenoid
	24 = Solenoid external-Solenoid external
Ⓣ	VOLTAGE
	01 = + 12 V DC
	02 = + 24 V DC
	05 = + 24 V AC
	06 = 110 V AC
	07 = 230 V AC
	08 = + 24 V DC 1W
	09 = + 24 V DC Earth faston
	11 = + 12 V DC downward
	12 = + 24 V DC downward
	15 = + 24 V AC downward
	16 = 110 V AC downward
	17 = 230 V AC downward
	18 = + 24 V DC 1W downward
	19 = + 24 V DC Earth faston downward



For dimension "A" see ordering code

Weight 250 g
Minimum pilot pressure 1,5 bar

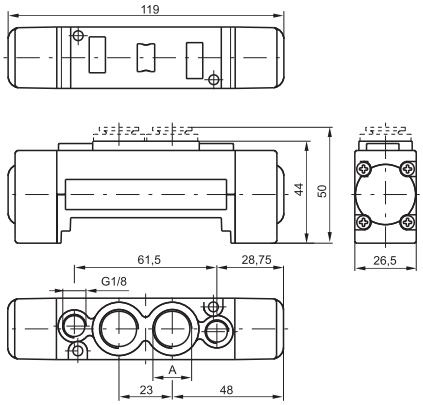


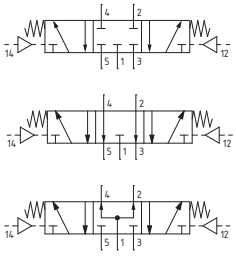
Pneumatic-Pneumatic 5/3

Coding: 263Ⓐ.53.Ⓕ.18

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1350
Orifice size (mm)	9
Pilot ports size	M5

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10
Ⓕ	FUNCTION
	31 = Closed centres
	32 = Open centres
	33 = Pressured centres





Weight 195 g
Minimum pilot pressure 3 bar

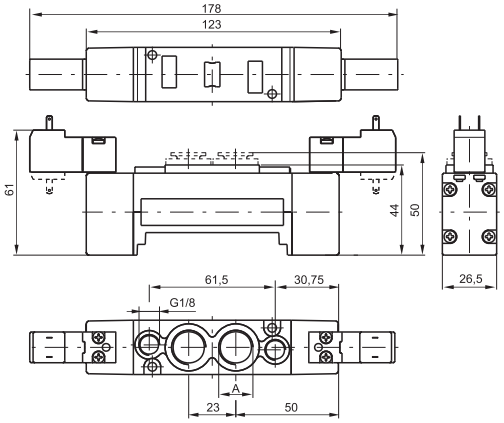
For dimension "A" see ordering code

Solenoid - Solenoid 5/3

Coding: 263Ⓐ.53.Ⓕ.Ⓥ.Ⓣ

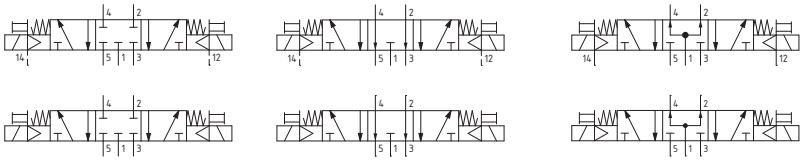
Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1350
Orifice size (mm)	9

Ⓐ	CONNECTION A
	1 = G3/8"
	5 = G1/4"
	8 = Quick fitting tube Ø10
Ⓕ	FUNCTION
	31 = Closed centres
	32 = Open centres
	33 = Pressured centres
Ⓥ	VERSION
	24 = Solenoid external-Solenoid external
	35 = Solenoid-Solenoid
Ⓣ	VOLTAGE
	01 = + 12 V DC
	02 = + 24 V DC
	05 = + 24 V AC
	06 = 110 V AC
	07 = 230 V AC
	08 = + 24 V DC 1W
	09 = + 24 V DC Earth faston
	11 = + 12 V DC downward
	12 = + 24 V DC downward
	15 = + 24 V AC downward
	16 = 110 V AC downward
	17 = 230 V AC downward
	18 = + 24 V DC 1W downward
	19 = + 24 V DC Earth faston downward



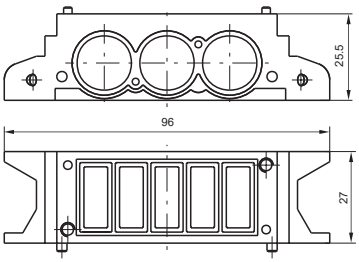
Weight 270 g
Minimum pilot pressure 3 bar

For dimension "A" see ordering code



Modular base

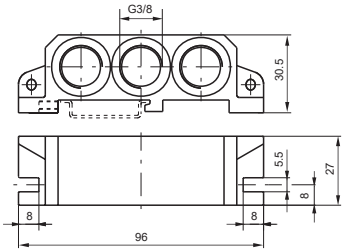
Coding: 2630.01



Weight 80 g

Right inlet base

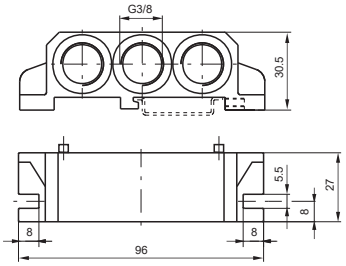
Coding: 2630.02



Weight 80 g

Left inlet base

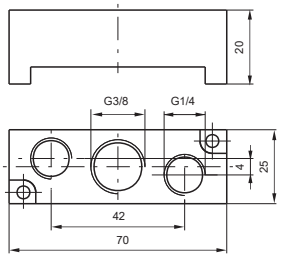
Coding: 2630.03



Weight 100 g

Intermediate air intake

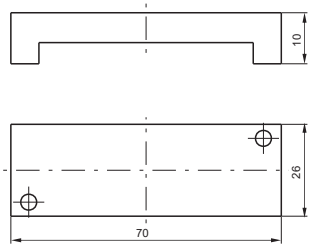
Coding: 2630.10



Weight 60 g
to be assembled instead of a valve

Closing plate

Coding: 2630.00



Weight 20 g

Diaphragm plug

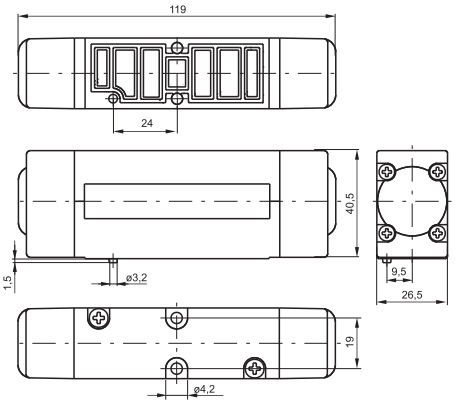
Coding: 2630.17

Weight 5 g

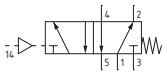
Pneumatic - Spring

Coding: 2645.52.00.19

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1100
Orifice size (mm)	7.5



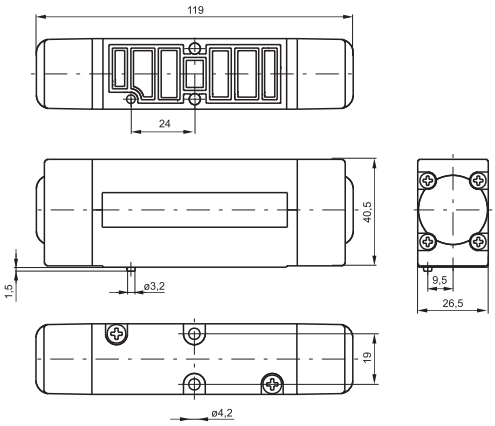
Weight 235 g
Minimum pilot pressure 2 bar



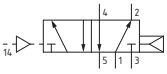
Pneumatic-Differential

Coding: 2645.52.00.16

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1100
Orifice size (mm)	7.5



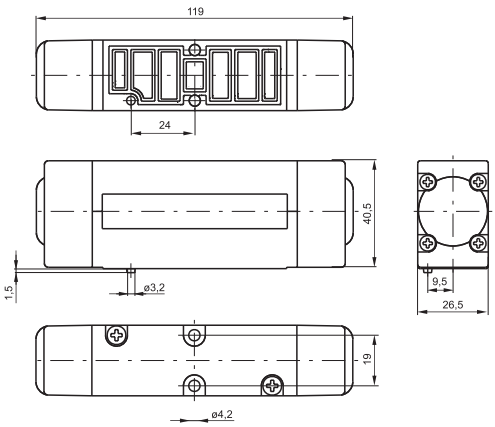
Weight 235 g
Minimum pilot pressure 2 bar



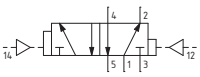
Pneumatic - Differential (External)

Coding: 2645.52.00.17

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1100
Orifice size (mm)	7.5



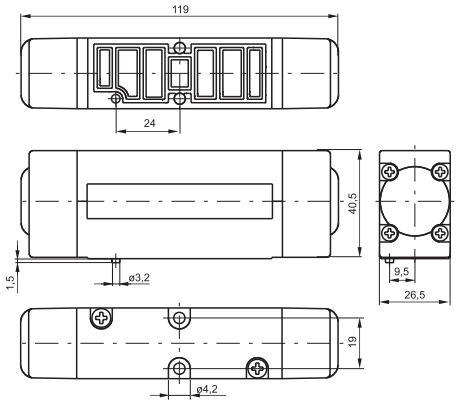
Weight 235 g
Minimum pilot pressure 2 bar



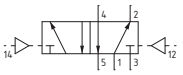
Pneumatic - Pneumatic

Coding: 2645.52.00.18

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1100
Orifice size (mm)	7.5



Weight 255 g
Minimum pilot pressure 1,5 bar

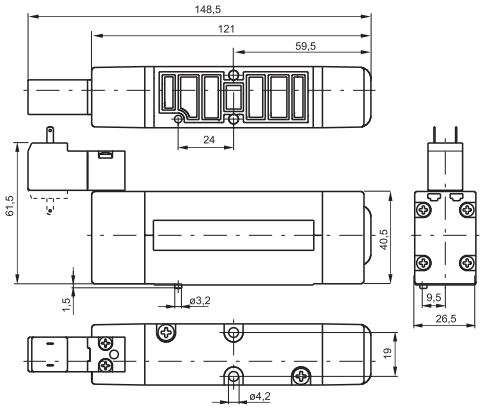


Solenoid-Spring/Differerential

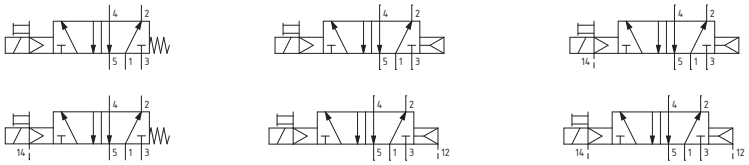
Coding: 264Ⓒ.52.00.Ⓥ.Ⓣ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1100
Orifice size (mm)	7.5

Ⓒ	TYPE ELECTROPILOT EXHAUST
	1 = on base (only for self feeding valves)
	5 = on pilot (for all version)
Ⓥ	VERSION
	39 = Solenoid-Spring
	29 = Solenoid external-Spring
	36 = Solenoid-Differential
	37 = Solenoid-Differerential external
	26 = Solenoid external-Differerential
	27 = Solenoid external-Differerential external
Ⓣ	VOLTAGE
	01 = + 12 V DC
	02 = + 24 V DC
	05 = + 24 V AC
	06 = 110 V AC
	07 = 230 V AC
	08 = + 24 V DC 1W
	09 = + 24 V DC Earth faston
	11 = + 12 V DC downward
	12 = + 24 V DC downward
	15 = + 24 V AC downward
	16 = 110 V AC downward
	17 = 230 V AC downward
	18 = + 24 V DC 1W downward
	19 = + 24 V DC Earth faston downward



Weight 270 g
Minimum pilot pressure 2 bar

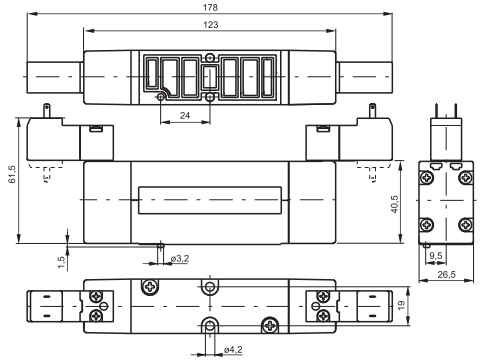


Solenoid - Solenoid

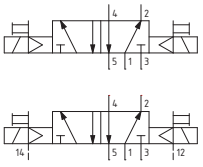
Coding: 264Ⓒ.52.00.Ⓥ.Ⓣ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1100
Orifice size (mm)	7.5

Ⓒ	TYPE ELECTROPILOT EXHAUST
	1 = on base (only for self feeding valves)
	5 = on pilot (for all version)
Ⓥ	VERSION
	24 = Solenoid external-Solenoid external
	35 = Solenoid-Solenoid
Ⓣ	VOLTAGE
	01 = + 12 V DC
	02 = + 24 V DC
	05 = + 24 V AC
	06 = 110 V AC
	07 = 230 V AC
	08 = + 24 V DC 1W
	09 = + 24 V DC Earth faston
	11 = + 12 V DC downward
	12 = + 24 V DC downward
	15 = + 24 V AC downward
	16 = 110 V AC downward
	17 = 230 V AC downward
	18 = + 24 V DC 1W downward
	19 = + 24 V DC Earth faston downward



Weight 305 g
Minimum pilot pressure 1,5 bar

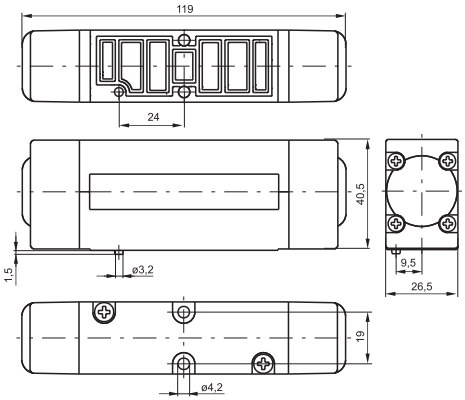


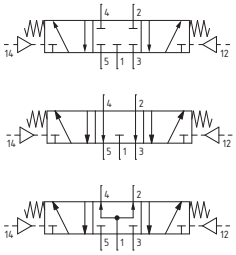
Pneumatic-Pneumatic 5/3

Coding: 264Ⓒ.53.Ⓕ.18

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1000
Orifice size (mm)	7.5

Ⓒ	TYPE ELECTROPILOT EXHAUST
	1 = on base (only for self feeding valves)
	5 = on pilot (for all version)
Ⓕ	FUNCTION
	31 = Closed centres
	32 = Open centres
	33 = Pressured centres





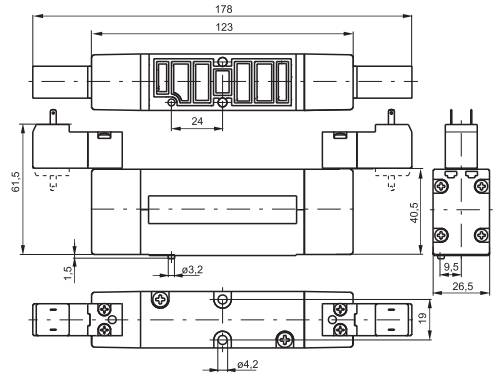
Weight 245 g
Minimum pilot pressure 3 bar

Solenoid - Solenoid 5/3

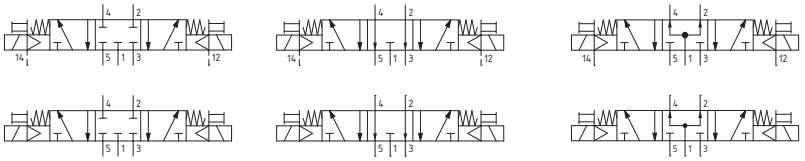
Coding: 264Ⓒ.53.Ⓕ.Ⓥ.Ⓣ

Operational characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Max. working pressure (bar)	10
Temperature °C	-5 ... +50
Flow rate at 6 bar with Δp=1 (Nl/min)	1000
Orifice size (mm)	5

Ⓒ	TYPE ELECTROPILOT EXHAUST
	1 = on base (only for self feeding valves)
	5 = on pilot (for all version)
Ⓕ	FUNCTION
	31 = Closed centres
	32 = Open centres
	33 = Pressured centres
Ⓥ	VERSION
	24 = Solenoid external-Solenoid external
	35 = Solenoid-Solenoid
Ⓣ	VOLTAGE
	01 = + 12 V DC
	02 = + 24 V DC
	05 = + 24 V AC
	06 = 110 V AC
	07 = 230 V AC
	08 = + 24 V DC 1W
	09 = + 24 V DC Earth faston
	11 = + 12 V DC downward
	12 = + 24 V DC downward
	15 = + 24 V AC downward
	16 = 110 V AC downward
	17 = 230 V AC downward
	18 = + 24 V DC 1W downward
	19 = + 24 V DC Earth faston downward



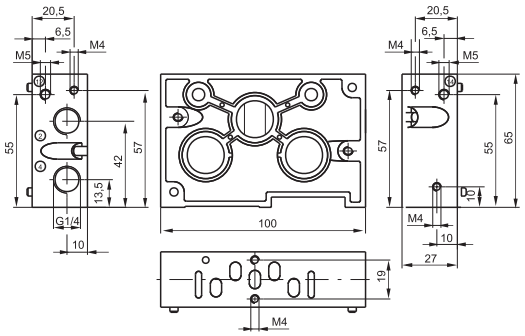
Weight 315 g
Minimum pilot pressure 3 bar



Modular base

Coding: 2640.Ⓥ

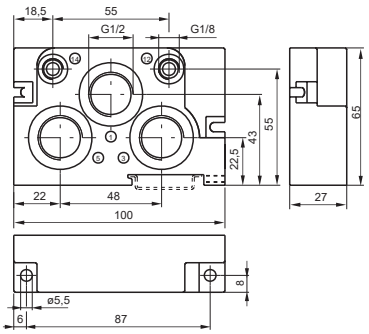
Ⓥ	VERSION
	01 = Modular base
	11 = Base for single separate inlet



Weight 220 g

Right inlet base

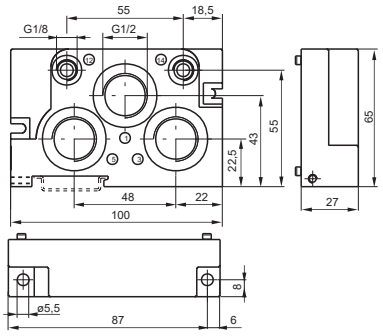
Coding: 2640.02



Weight 200 g

Left inlet base

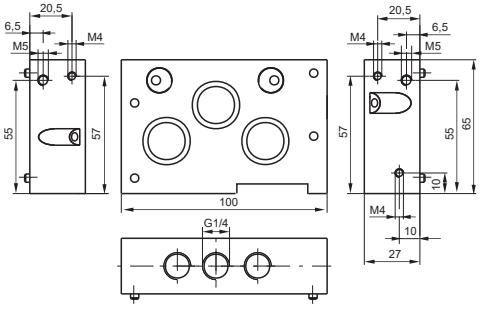
Coding: 2640.03



Weight 200 g

Intermediate air intake

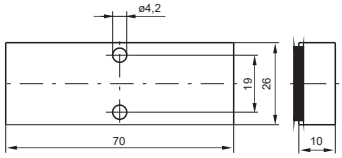
Coding: 2640.10



Weight 380 g

Closing plate

Coding: 2640.00



Weight 50 g

Diaphragm plug

Coding: 2640.17

Weight 10 g