



Series 2600

General

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

AIR DISTRIBUTION

Construction characteristics

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

Ordering codes for miniature 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 solenoid 12 VDC
- 02 = miniature solenoid 24 VDC
- 05 = miniature solenoid 24 VAC
- 06 = miniature solenoid 110 VAC
- 07 = miniature sol. 230 VAC
- 08 = miniature sol. 24 VDC 1W
- 09 = miniature sol. 24 VDC Earth faston

Coil downward code

- 11 = miniature solenoid 12 VDC
- 12 = miniature solenoid 24 VDC
- 15 = miniature solenoid 24 VAC
- 16 = miniature solenoid 110 VAC
- 17 = miniature sol. 230 VAC
- 18 = miniature sol. 24 VDC 1W Downward
- 19 = miniature sol. 24 VDC Earth faston Downward

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

Use and maintenance

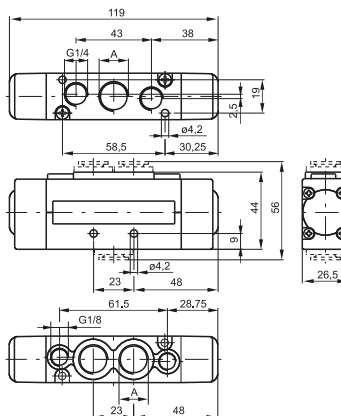
The average life of the solenoid valve exceeds 50.000.000 cycles when used under optimum conditions.
Adequate lubrication reduces seals wear, just as proper filtering of supply air prevents the build-up of dirt that can cause malfunction.
Ensure the valve is used within our recommended criteria for pressure and temperature.
In dirty or dusty environments, the exhaust ports should be protected.
A seal kit including the spool is available for overhauling the valve. This operation does not require a skilled worker, although a particular care should be taken when reassembling the valve.

Pneumatic - Spring

Coding: 261 **A**.52.00.19

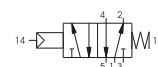
| Operational characteristics | |
|---------------------------------------|--|
| Fluid | Filtered air. No lubrication needed, if applied it shall be continuous |
| Max working pressure (bar) | 10 |
| Temperature °C | -5 ÷ +50 |
| Flow rate at 6 bar with Δp=1 (NI/min) | 1500 |
| Orifice size (mm) | 9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

| WORKING PORTS SIZE | |
|--------------------|----------------------------|
| A | 1 = G3/8" |
| | 5 = G1/4" |
| | 8 = Quick fitting tube Ø10 |



Weight 235 g
Minimum piloting pressure 2 bar

For dimension "A" see ordering code



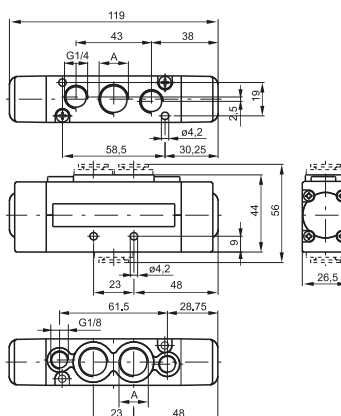
1
AIR DISTRIBUTION

Pneumatic - Differential

Coding: 261 **A**.52.00.16

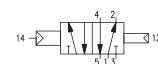
| Operational characteristics | |
|---------------------------------------|--|
| Fluid | Filtered air. No lubrication needed, if applied it shall be continuous |
| Max working pressure (bar) | 10 |
| Temperature °C | -5 ÷ +50 |
| Flow rate at 6 bar with Δp=1 (NI/min) | 1500 |
| Orifice size (mm) | 9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

| WORKING PORTS SIZE | |
|--------------------|----------------------------|
| A | 1 = G3/8" |
| | 5 = G1/4" |
| | 8 = Quick fitting tube Ø10 |



Weight 235 g
Minimum piloting pressure 2 bar

For dimension "A" see ordering code





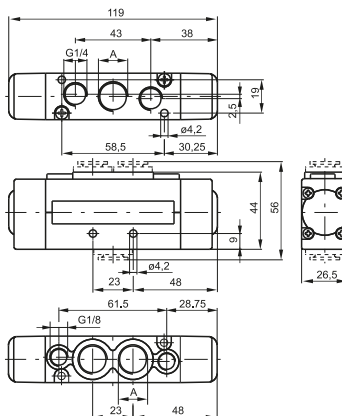
1
AIR DISTRIBUTION

Pneumatic - Differential (External)

Coding: 261A.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 (NI/min) | 1500 |
| Orifice size (mm) | 9 |
| Pilot ports size | G1/8" |

| WORKING PORTS SIZE |
|----------------------------|
| 1 = G3/8" |
| 5 = G1/4" |
| 8 = Quick fitting tube Ø10 |



Weight 235 g
Minimum piloting pressure 2 bar

For dimension "A" see ordering code

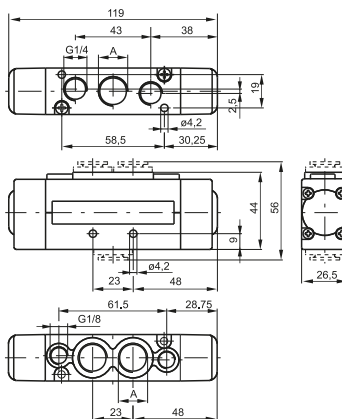


Pneumatic - Pneumatic

Coding: 261A.52.00.18

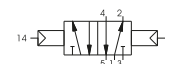
| Operational characteristics | |
|---------------------------------------|--|
| Fluid | Filtered air. No lubrication needed, if applied it shall be continuous |
| Max working pressure (bar) | 10 |
| Temperature °C | -5 ÷ +50 |
| Flow rate at 6 bar with Δp=1 (NI/min) | 1500 |
| Orifice size (mm) | 9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

| WORKING PORTS SIZE |
|----------------------------|
| 1 = G3/8" |
| 5 = G1/4" |
| 8 = Quick fitting tube Ø10 |



Weight 235 g
Minimum piloting pressure 1,5 bar

For dimension "A" see ordering code



Pneumatic - Spring

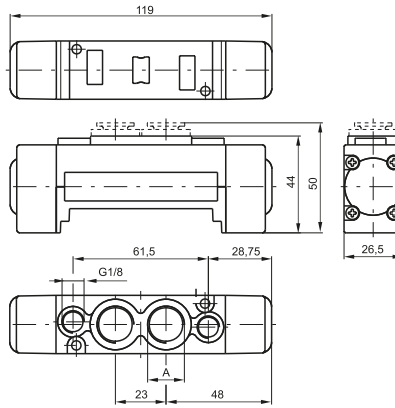
Coding: 263 **A**.52.00.19

| 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 (NI/min) | 1500 |
| Orifice size (mm) | 9 |
| Pilot ports size | M5 |

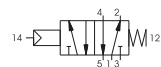
| WORKING PORTS SIZE | |
|--------------------|----------------------------|
| A | 1 = G3/8" |
| | 5 = G1/4" |
| | 8 = Quick fitting tube Ø10 |



Weight 185 g
Minimum piloting pressure 2 bar



For dimension "A" see ordering code



1
AIR DISTRIBUTION

Pneumatic - Differential

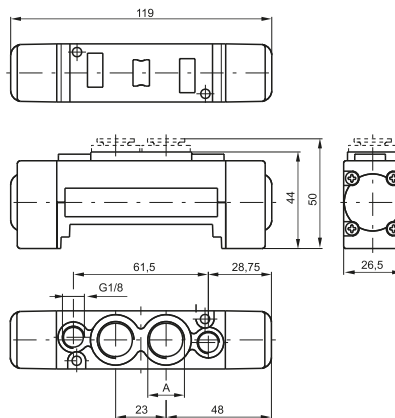
Coding: 263 **A**.52.00.16

| 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 (NI/min) | 1500 |
| Orifice size (mm) | 9 |
| Pilot ports size | M5 |

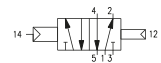
| WORKING PORTS SIZE | |
|--------------------|----------------------------|
| A | 1 = G3/8" |
| | 5 = G1/4" |
| | 8 = Quick fitting tube Ø10 |



Weight 185 g
Minimum piloting pressure 2 bar



For dimension "A" see ordering code



Pneumatic - Differential (External)

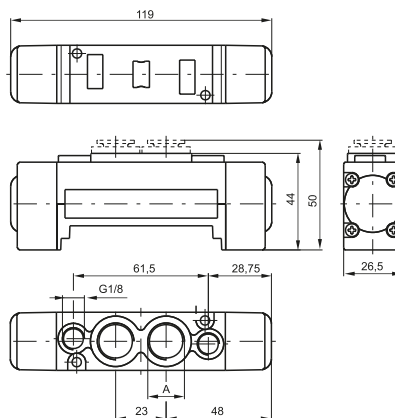
Coding: 263 **A**.52.00.17

| 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 (NI/min) | 1500 |
| Orifice size (mm) | 9 |
| Pilot ports size | M5 |

| WORKING PORTS SIZE | |
|--------------------|----------------------------|
| A | 1 = G3/8" |
| | 5 = G1/4" |
| | 8 = Quick fitting tube Ø10 |



Weight 185 g
Minimum piloting pressure 2 bar



For dimension "A" see ordering code





Spool valves and solenoid valves
Series 2600 - Size 26mm FLAT

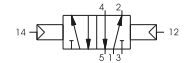
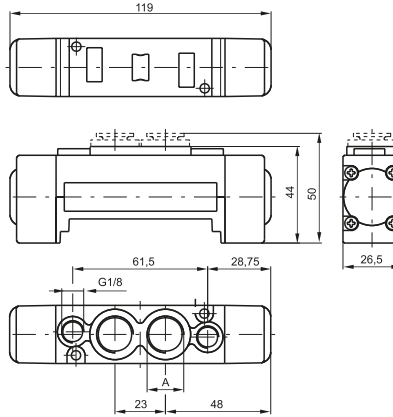
Pneumatic - Pneumatic

Coding: 263^A.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 (NI/min) | 1500 |
| Orifice size (mm) | 9 |
| Pilot ports size | M5 |

| | |
|---------------------------|--------------------------|
| WORKING PORTS SIZE | |
| 1 | = G3/8" |
| 5 | = G1/4" |
| 8 | = Quick fitting tube Ø10 |



For dimension "A" see ordering code

Weight 185 g
 Minimum piloting pressure 1,5 bar

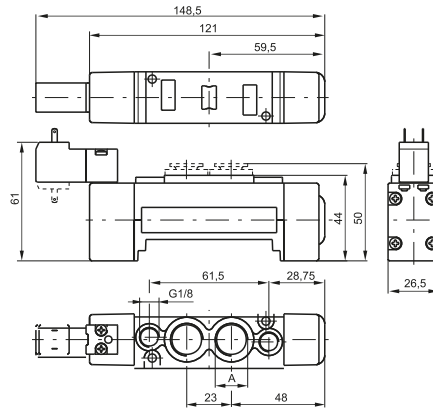
1
AIR DISTRIBUTION

Solenoid-Spring / Differential

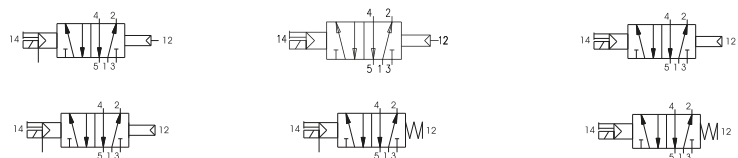
Coding: 263A.52.00.V.T

| 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 (NI/min) | 1500 |
| Orifice size (mm) | 9 |

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



For dimension "A" see ordering code



Weight 220 g
Minimum piloting pressure 2 bar

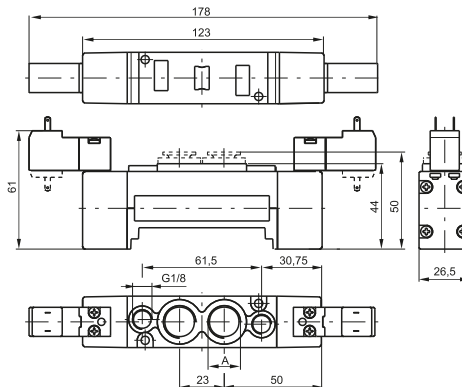
1
AIR DISTRIBUTION

Solenoid - Solenoid

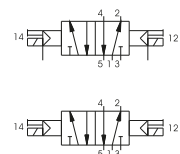
Coding: 263A.52.00.V.T

| 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 (NI/min) | 1500 |
| Orifice size (mm) | 9 |

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



For dimension "A" see ordering code



Weight 250 g
Minimum piloting pressure 1,5 bar



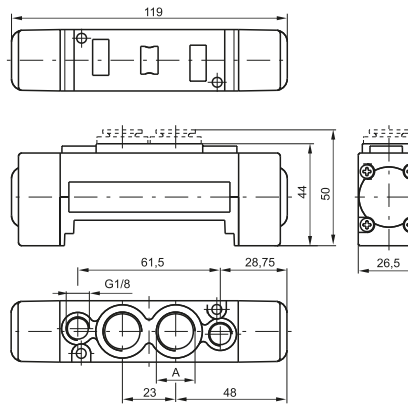
Spool valves and solenoid valves Series 2600 - Size 26mm FLAT

Pneumatic - Pneumatic 5 ways 3 connections

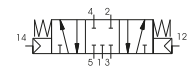
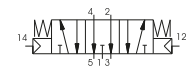
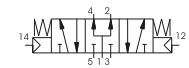
Coding: 263A.53.F.18

| 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 (NI/min) | 1350 |
| Orifice size (mm) | 9 |
| Pilot ports size | M5 |

| | |
|---|------------------------|
| A | WORKING PORTS SIZE |
| | 1 = G3/8" |
| | 5 = G1/4" |
| F | FUNCTION |
| | 31 = Closed centres |
| | 32 = Open centres |
| | 33 = Pressured centres |



For dimension "A" see ordering code



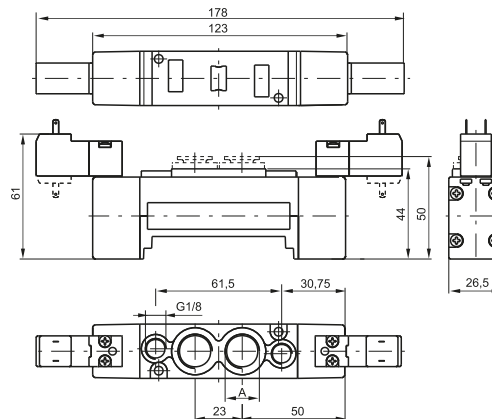
Weight 195 g
Minimum piloting pressure 3 bar

Solenoid - Solenoid 5 ways 3 connections

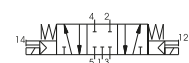
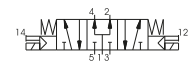
Coding: 263A.53.F.V.T

| 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 (NI/min) | 1350 |
| Orifice size (mm) | 9 |

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



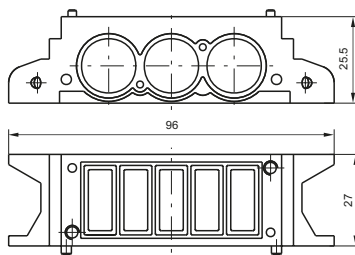
For dimension "A" see ordering code



Weight 270 g
Minimum piloting pressure 3 bar

1 AIR DISTRIBUTION

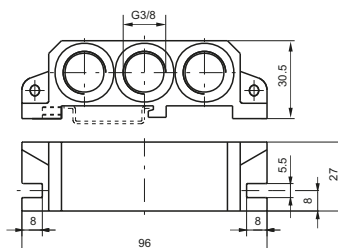
▶ **Modular base**



Coding: 2630.01

Weight 80 g

▶ **Inlet base**

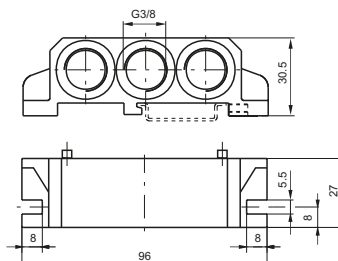


Coding: 2630.0

| VERSION | |
|---------|-------|
| 02 | Right |
| 03 | Left |

Weight 80 g

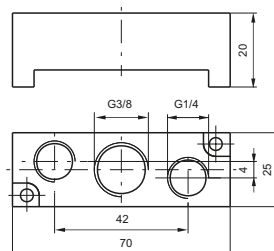
2630.02



Weight 100 g

2630.03

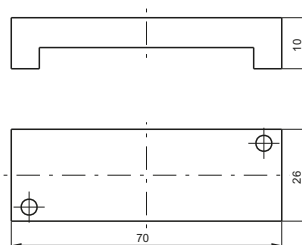
▶ **Intermediate air intake**



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

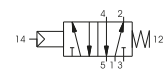
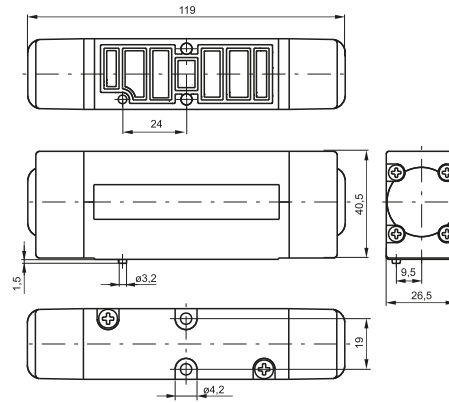


1
AIR DISTRIBUTION

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 $\Delta p=1$ (NI/min) | 1100 |
| Orifice size (mm) | 7.5 |

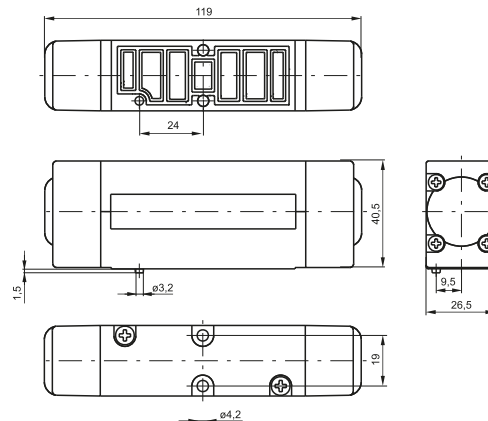


Weight 235 g
Minimum piloting pressure 2 bar

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 $\Delta p=1$ (NI/min) | 1100 |
| Orifice size (mm) | 7.5 |

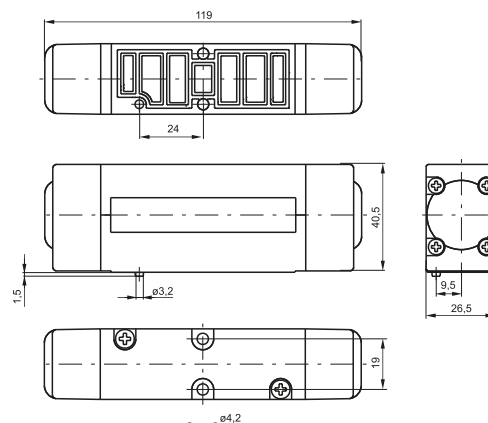


Weight 235 g
Minimum piloting pressure 2 bar

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 $\Delta p=1$ (NI/min) | 1100 |
| Orifice size (mm) | 7.5 |



Weight 235 g
Minimum piloting pressure 2 bar

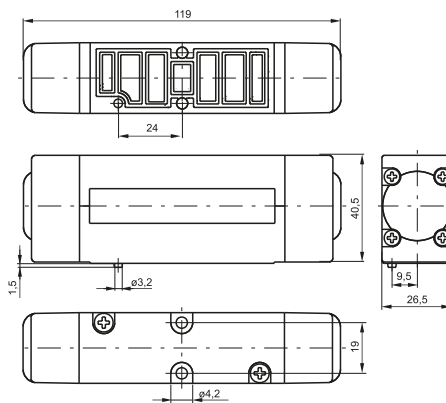
Pneumatic - Pneumatic

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 $\Delta p=1$ (l/min) | 1100 |
| Orifice size (mm) | 7.5 |



Weight 255 g
Minimum piloting pressure 1,5 bar



1
AIR DISTRIBUTION

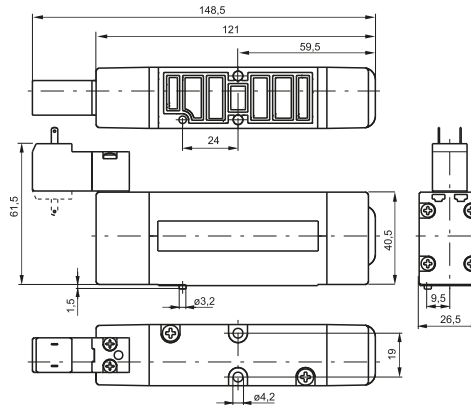


AIR DISTRIBUTION

Solenoid-Spring / Differential

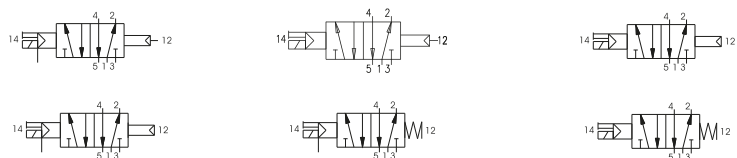
Coding: 264^C.52.00.^V.^T

| 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 (NI/min) | 1100 |
| Orifice size (mm) | 7.5 |



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

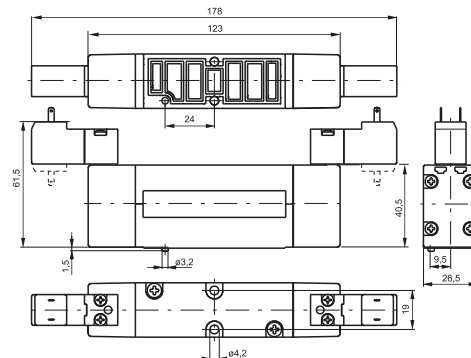
Weight 270 g
 Minimum piloting pressure 2 bar



Solenoid - Solenoid

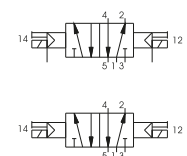
Coding: 264^C.52.00.^V.^T

| 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 (NI/min) | 1100 |
| Orifice size (mm) | 7.5 |



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

Weight 305 g
 Minimum piloting pressure 1,5 bar

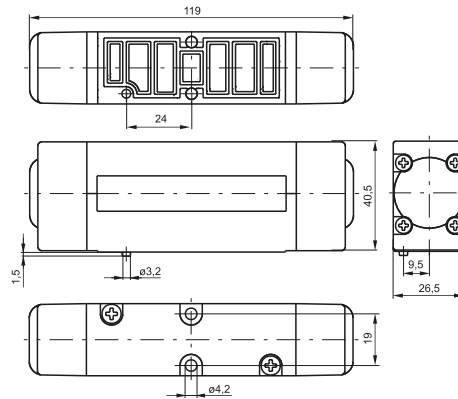


Pneumatic - Pneumatic 5 ways 3 connections

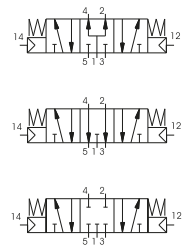
Coding: 264 **C**.53.**F**.18

| 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 (NI/min) | 1000 |
| Orifice size (mm) | 7.5 |

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



Weight 245 g
Minimum piloting pressure 3 bar

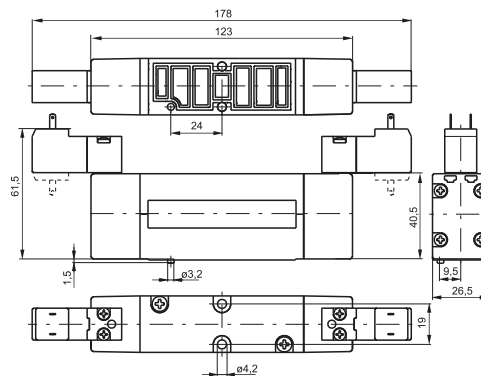


Solenoid - Solenoid 5 ways 3 connections

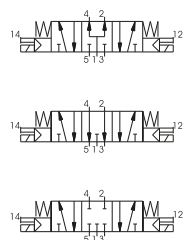
Coding: 264 **C**.53.**F**.**V**.**T**

| 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 (NI/min) | 1000 |
| Orifice size (mm) | 5 |

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



Weight 315 g
Minimum piloting pressure 3 bar

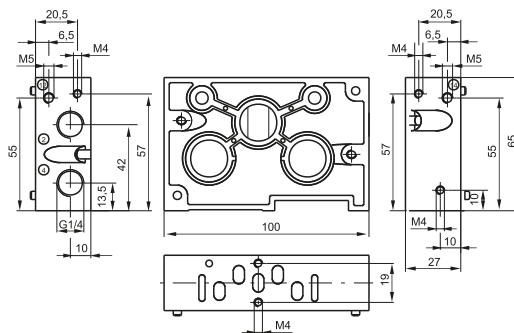


1
AIR DISTRIBUTION

1

AIR DISTRIBUTION

Modular base

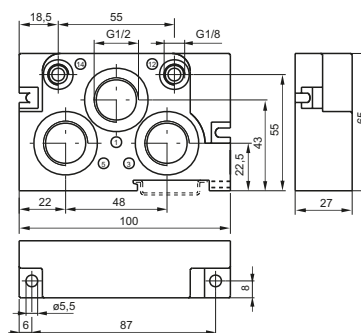


Coding: 2640.▼

| VERSION |
|-------------------------------------|
| ▼ 01 = Standard base |
| 11 = Base for single separate inlet |

Weight 220 g

Inlet base

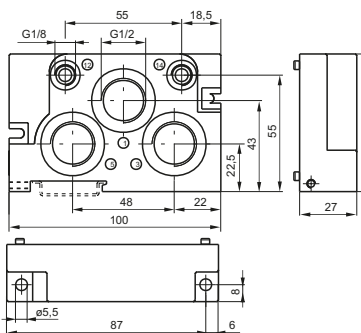


Coding: 2640.▼

| VERSION |
|--------------|
| ▼ 02 = Right |
| 03 = Left |

Weight 200 g

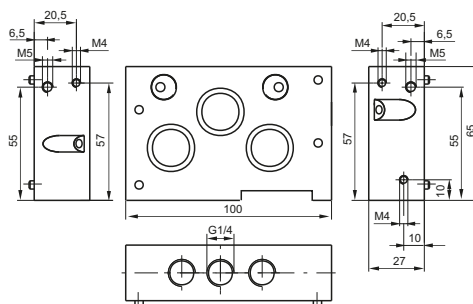
2640.02



Weight 200 g

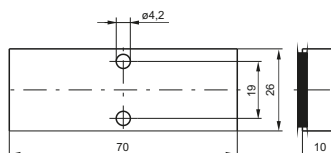
2640.03

Intermediate air intake



Coding: 2640.10

Closing plate



Coding: 2640.00

Weight 50 g



▶ Diaphragm plug

Coding: 2640.17



Weight 10 g