Closing plate

Technical characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Working pressure (bar)	From vacuum to 10
Temperature °C	-5 ... +50

SHORT FUNCTION CODE "T"
Weight 53.5 g

142.2
47.7
86
10.5
18.5

Intermediate Inlet/Exhaust module

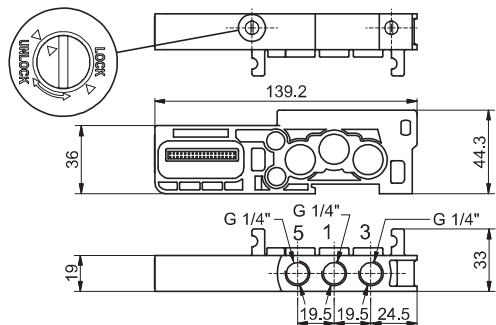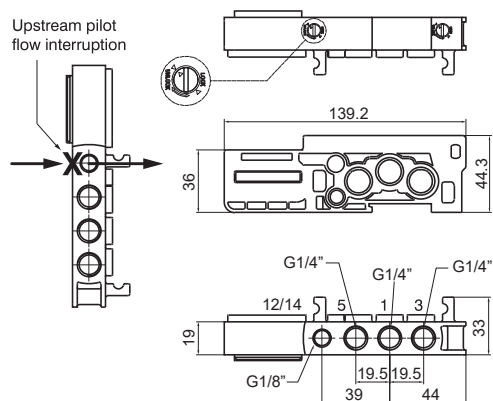| Technical characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Working pressure (bar)	From vacuum to 10
Temperature °C	-5 ... +50

SHORT FUNCTION CODE "W"
Weight 110 g

UNLOCK LOCK
139.2
36
44.3
G 1/4" G 1/4" G 1/4"
5 1 3
19
33
19.5 19.5 24.5

Intermediate inlet/Exhaust module with external pilot

Technical characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Working pressure (bar)	From vacuum to 10
Pilot pressure (bar)	3 ... 7
Temperature °C	-5 ... +50

SHORT CODE "K"
Weight 162 g

Upstream pilot
flow interruption

139.2
36
44.3
G1/4" G1/4" G1/4"
12/14 5 1 3
19
33
G1/8"
19.5 19.5
39 44

Overall dimensions and technical information are provided solely for informative purposes and may be modified without notice

1 | 447

AIR DISTRIBUTION

1

◤ Intermediate electro-pneumatic shut-off module 2/4/6/8 positions

Coding: 2530.Ⓜ.Ⓣ

Technical characteristics	
Fluid	Filtered air. No lubrication needed, if applied it shall be continuous
Working pressure (bar)	From vacuum to 10 3 ... 7 (piloting 12/14)
Temperature °C	-5 ... +50
Feeding	+ 24 V DC ±10%
Protection	Inverted polarity protection
Maximum load	100 mA
Indicators	+ 24 V DC presence LED
Series modules maximum number	3

	MODULE	
Ⓜ	**10** = Supply and exhaust	
	11 = Supply and exhaust with separate pilot	
	SHUT-OFF	
Ⓣ	**2A** = 2 Signals	
	4A = 4 Signals	
	6A = 6 Signals	
	8A = 8 Signals	

Weight 157 g

2530.10.Ⓣ

Weight 163 g

2530.11.Ⓣ

139.2

44.3

7 / 36

M8 / 6 / 19 / 10.25

G1/4" 5 / G1/4" 1 / G1/4" 3

33

19.5 / 19.5 / 24.5

VERSION Ⓜ = 11

Upstream pilot flow interruption

M8 / 6 / 12/14 / 19 / 10.25

G1/4" 5 / G1/4" 1 / G1/4" 3

G1/8"

33

19.5 / 19.5

39 / 44
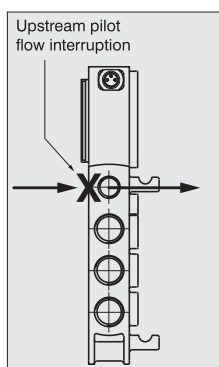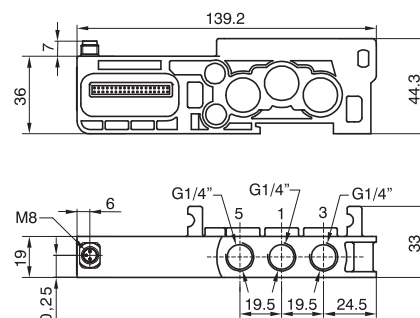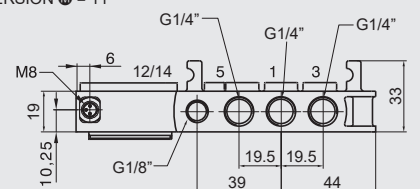
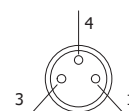## WORKING PRINCIPLE / SIMPLIFIED FUNCTIONAL DIAGRAM

Intermediate electro-pneumatic shut-off module allows you to interrupt at the same time the first 2, 4, 6 or 8 available command signals for the valves after the module itself.

When the shut-off module is present, the controlled output logic signal values are equal to the input logic signal values which came from the serial node or the multi-pin module.
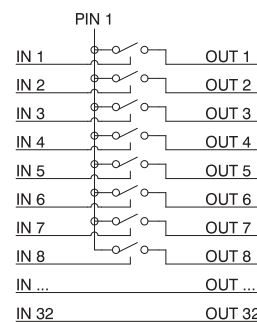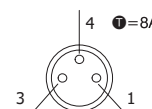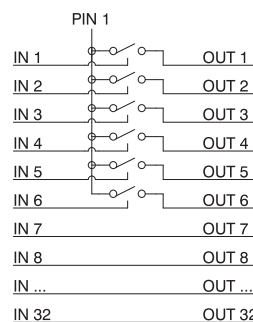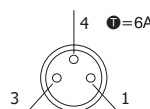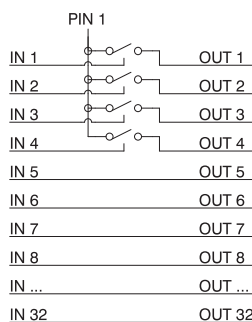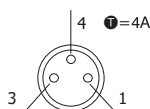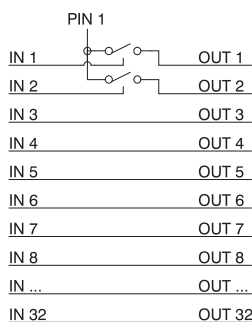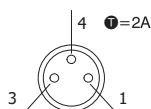
If the supply input signal is absent, the controlled output logic signal values are all equal to zero.

This module is particularly useful when control signals are used to block the valves; it is also effective both with serial management and multi-pin connection of the manifolds.

It is possible to use more modules to interrupt every command signals simply by inserting them before the signals to be interrupted.

PIN	DESCRIPTION
1	+ 24 V DC
4	NOT CONNECTED
3	GND

Ⓣ=2A

PIN 1

IN 1	OUT 1
IN 2	OUT 2
IN 3	OUT 3
IN 4	OUT 4
IN 5	OUT 5
IN 6	OUT 6
IN 7	OUT 7
IN 8	OUT 8
IN ...	OUT ...
IN 32	OUT 32

Ⓣ=4A

PIN 1

IN 1	OUT 1
IN 2	OUT 2
IN 3	OUT 3
IN 4	OUT 4
IN 5	OUT 5
IN 6	OUT 6
IN 7	OUT 7
IN 8	OUT 8
IN ...	OUT ...
IN 32	OUT 32

Ⓣ=6A

PIN 1

IN 1	OUT 1
IN 2	OUT 2
IN 3	OUT 3
IN 4	OUT 4
IN 5	OUT 5
IN 6	OUT 6
IN 7	OUT 7
IN 8	OUT 8
IN ...	OUT ...
IN 32	OUT 32

Ⓣ=8A

PIN 1

IN 1	OUT 1
IN 2	OUT 2
IN 3	OUT 3
IN 4	OUT 4
IN 5	OUT 5
IN 6	OUT 6
IN 7	OUT 7
IN 8	OUT 8
IN ...	OUT ...
IN 32	OUT 32

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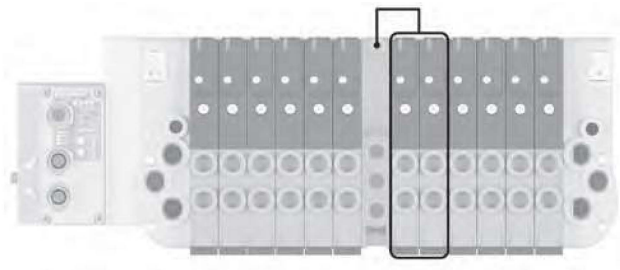
Usage examples

EXAMPLE 1
Manifold of 12 monostable solenoid valves on which you want to interrupt signals 7-8.
Assembly:
- 6 monostable solenoid valves (not interruptible because before the module)
- 1 additional power supply module
- 6 monostable solenoid valves
Note: the first 2 of these 6 monostable solenoid valves are interruptible by the module, while the following 4 will work correctly managed directly by the corresponding command signals.
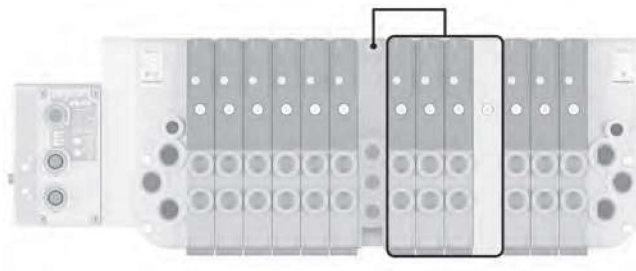

EXAMPLE 2
Manifold of 12 monostable solenoid valves on which you want to interrupt signals 7-8-9.
Assembly:
- 6 monostable solenoid valves (not interruptible because before the module)
- 1 additional power supply module
- 3 monostable solenoid valves (interruptible)
- 1 closing plate mounted on a monostable base
- 3 monostable solenoid valves (work correctly managed directly by the corresponding command signals)

EXAMPLE 3
Manifold of 7 monostable and 3 bistable solenoid valves in which you want to interrupt signals 2-3-4-5 and 8-9-10-11.
Assembly:
- 1 monostable solenoid valve (not interruptible because before the module)
- 1 additional electro-pneumatic shut-off module
- 6 monostable solenoid valves
Note: the first 4 of these 6 monostable solenoid valves are interruptible by the module, while the following 2 will work correctly managed directly by the corresponding command signals.
Note no. 2: The pilots of the 6 solenoid valves downstream of the intermediate electro-pneumatic shut-off module are pneumatically powered by the module itself.
- 1 additional electro-pneumatic shut-off module
- 3 bistable solenoid valves
Note no. 3: the first 2 of these 3 bistable solenoid valves are interruptible by the module, while the following will work correctly and are managed directly by the corresponding command signals.
Note no. 4: The pilots of the 3 solenoid valves downstream of the intermediate electro-pneumatic shut-off module are pneumatically powered by the module itself.
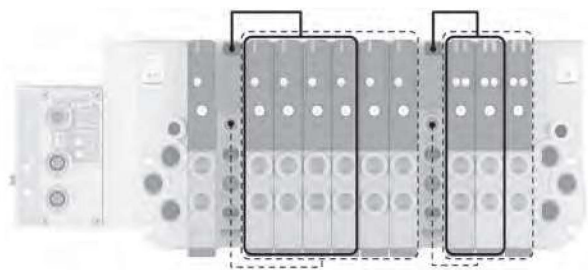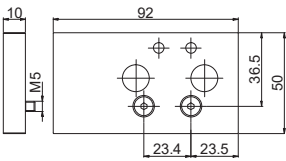

Key
S.V. electrically managed by the shut-off module: ————
S.V. pneumatically managed (12/14) by the shut-off module: - - - - - - - -
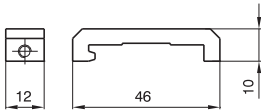
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AIR DISTRIBUTION

1

Offset compensation plate

Coding: 25E0.P0

Weight 116 g

92
10
M5
36.5
50
23.4 23.5

DIN rail adapter

Coding: 3100.16

Weight 12 g

12
46
10

Polyethylene Silencer Series SPL-P

Coding: SPLP.**D**

D	TUBE DIAMETER
	18 = 1/8"
	14 = 1/4"
	38 = 3/8"

Diaphragm plug

Coding: 2530.17

Weight 2,3 g