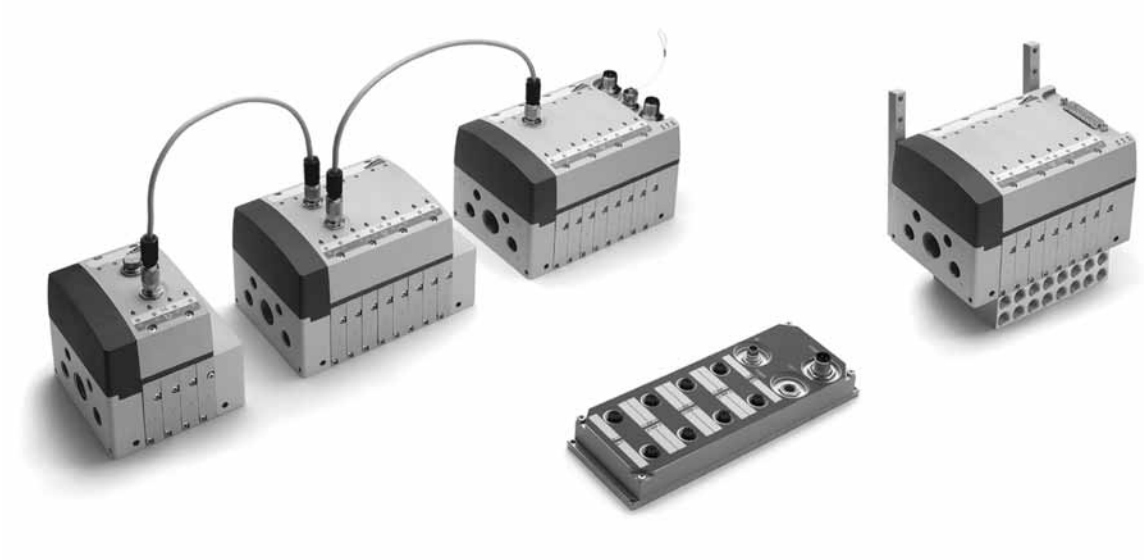
Series Y valve islands, Individual, Multipole and Fieldbus

Valve island with integrated Pneumatics and Electronics. Available versions: Individual, Multipole, Fieldbus (Profibus-DP, DeviceNet, CANopen). Valve functions: 2x2/2; 2x3/2; 5/2; 5/3 CC



Series Y solenoid valves are based on particular solutions regarding both the pneumatic, as well as the electronic part.

Sub-bases and valve bodies are integrated in a sole “module”.
Different kinds of cartridges and spools are inserted in the module to configure the desired valve function.
The valve island can be expanded and modified and its maintenance is easy and safe.
Several solutions are possible for the electric connection through the use of modules for digital electric inputs.

Manuals, instruction sheets and configuration files are available on the site http://catalogue.camozzi.com or by means of the QR code indicated on the lable of the product.

- Pneumatic modularity: 2, 4, 6 and 8 valve positions
- Valve size: 12,5 mm
- Flow rate: 800 Nl/min

GENERAL AND ELECTRICAL DATA

Enclosed in the package there is a label on which it is possible to write each individual coil number.

PNEUMATIC SECTION	
Valve construction	Spool with seals
Valve functions	5/2 monostable and bistable 5/3 CC 2 x 2/2 NC 2 x 2/2 NO 1 x 2/2 NC + 1 x 2/2 NO 2 x 3/2 NC 2 x 3/2 NO 1 x 3/2 NC + 1 x 3/2 NO
Materials	Aluminium spool brass cartridge seals in NBR end covers and covers in technopolymer
Connections	Outlets 2 and 4: G1/8 Inlets 1 and 11: G1/4 Pilot ports: 12/14 and respective exhaust 82/84 G1/8 Exhausts 3/5: G1/2
Temperature	0 ÷ + 50°C
Air specifications	Filtered compressed air, non lubricated, class 3.4.3 according to ISO 8573.1 standard. If lubrication is necessary, please use only oils with maximum viscosity of 32 Cst and the version with external servo-pilot supply. The servo-pilot supply air quality class must be 3.4.3 according to ISO 8573.1 standard.
Dimensions/size	12.5 mm
Working pressure	-0.9 ÷ 10 bar (with external servo pilot supply)
Pilot pressure	3 ÷ 7 bar
Flow rate	800 Nl/min
INLETS SECTION	
Voltage	24 V ±10%
Max current	350 mA
Operating temperature	0°C ÷ +50°C
Relative humidity	30-90% +25°C 30-50% +50°C
Conform with standards	EN 61131-2 EN 61000-6-2 EN 61000-6-4
Protection class	IP65
Max. number of connected inlets	48
Max. number of connected Inlet Modules	3
Max. distance between init. mod. and last input or expansion mod.	50 m
Max. cable length between sensor and input module	30 m
ELECTRICAL SECTION	
Voltage	24V ±10%
Max. absorption	1300mA continuous 1600 mA latch
Operating temperature	0°C ÷ +50°C
Continuous current	ED 100%
Protection class	IP50 Individual version IP65 Multipole version PNP IP65 Fieldbus versions
Baud rate	Profibus-Dp 12 Mbit/s EN 50170 DeviceNet 500 Kbit/s EN 50235 CAN open 500 Kbit/s EN 50235
Maximum number of nodes	Profibus-Dp 32/127 DeviceNet 64 CAN open 127
Maximum number of expansions per node	15
Max. length of internal Fieldbus	50 m
Relative humidity	30-90% +25°C 30-50% +50°C
Conform with standards	EN 61326-1 EN 61010-1
Max. number of solenoids connected/activated at the same time	32

HOW TO COMPOSE THE VALVE ISLAND (EXAMPLE)

- one or more pneumatic modules with either 2, 4, 6 or 8 valve positions incorporating the sub-base with two separated channels for supply and exhaust, and the seat for the valves. It is possible to join the different modules together with pins and fixing screws, thus increasing the number of valve positions;
- two terminal plates (right and left) on which it is possible to connect pressure inlets and exhausts;
- seals among the various elements;
- cartridges and spools which reproduce the different valve functions (further information on the following pages)
- one or more covers which integrate electronics and pilots distributing signals to valves (further information on the following pages)

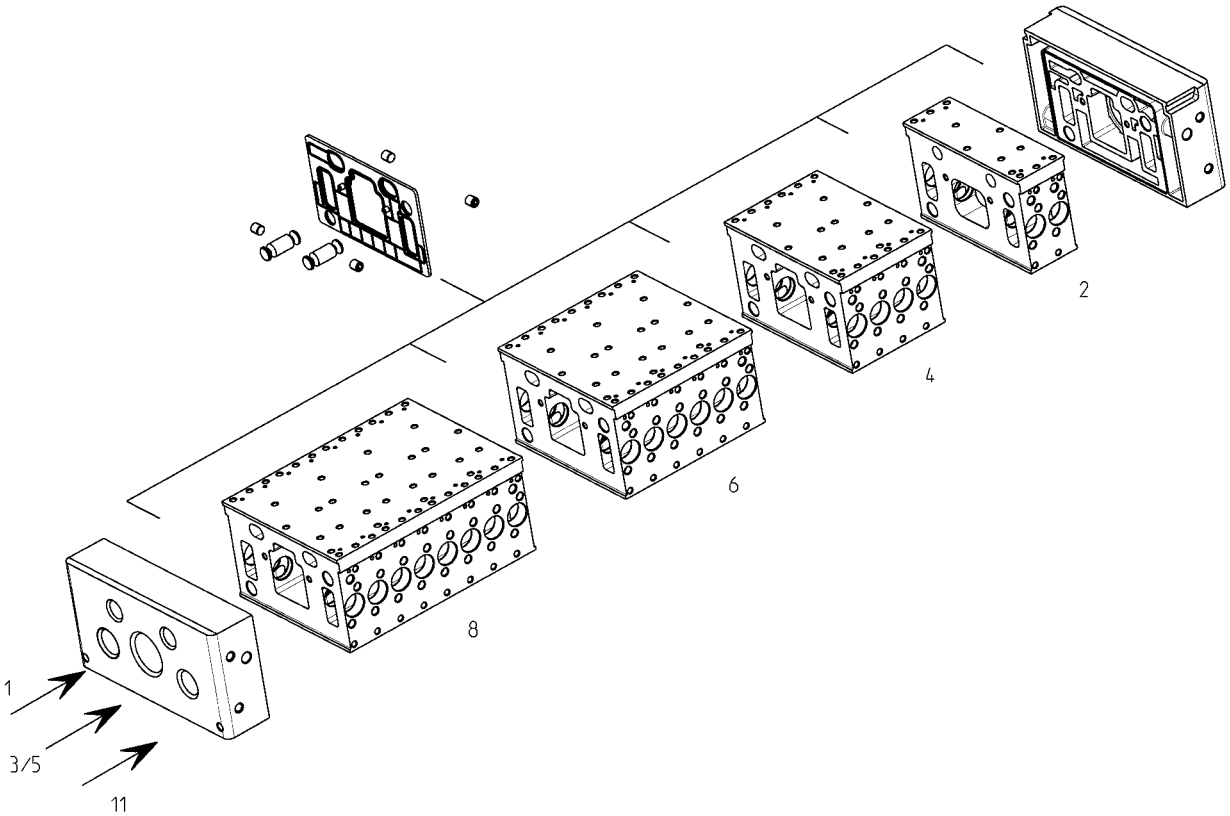
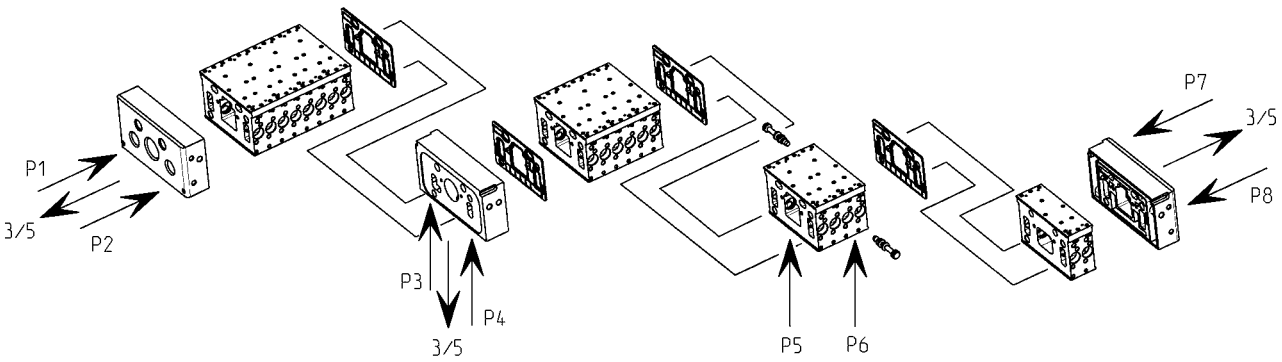


Plate for supplementary supply and exhaust

The two independent supplies allow the same valve to have different pressure values on outlets 2 and 4.
In this way a higher pressure can be used for the working operations and a lower pressure for the repositioning of the actuators, reducing the costs for generating compressed air.
The modularity of 2, 4, 6 or 8 valve positions allows, through the specific seals, to subdivide the island in pressure/exhaust zones without loosing valve positions. Functions W or X can be used to supply the intermediate pressure zones of an island.
To avoid any possible problem during exhaust, the exhaust itself has been increased and it passes through on both sides.



Air specifications - filtering elements

To guarantee a proper air quality and to not compromise the functioning of the valves, we advise to adopt filtering elements according to class 3 of table DIN ISO 8573-1.

Filter models:
MC104-F10
MC238-F10
MC202-F10
N108-F10
N104-F10

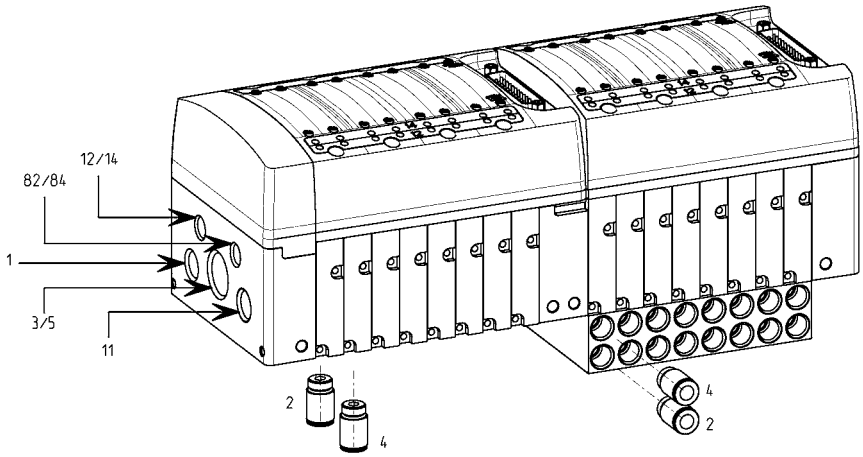
AIR QUALITY CLASS ACCORDING TO STANDARD DIN ISO 8573-1

Class	Solid bodies Max. dimension of the particles	Water contents dew-point	Oil quantity max. concentration mg/m³
1	0,1 µ	-70°C	0,01
2	1 µ	-40°C	0,1
3	5 µ	-20°C	1
4	15 µ	+3°C	5
5	40 µ	+7°C	25

Connection by means of terminal plates

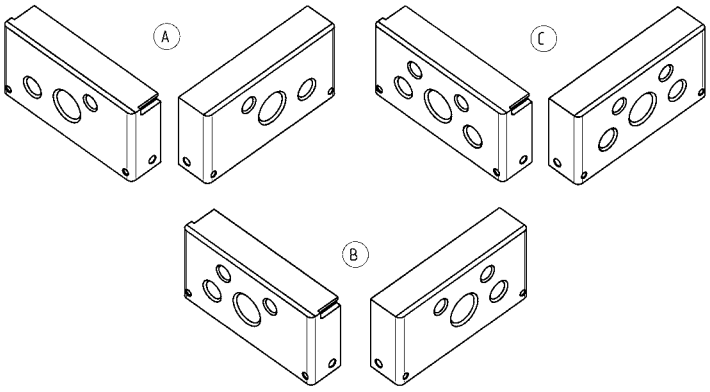
The connection to the compressed air source by means of terminal plates enables different types of connection. The fitting Mod. 6512 * (for dimensions see section 4/1.05) can be connected to inlets 2 and 4.

* It is possible to connect the following fittings, supplied with O-ring:
6512-4-1/8-M
6512-6-1/8-M
6512-8-1/8-M



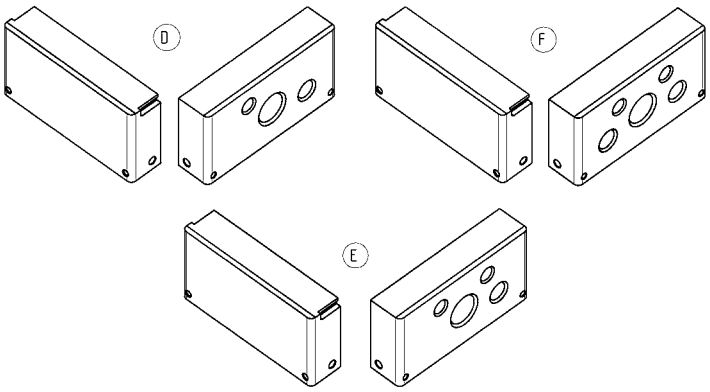
Supply (1-11)	Exhaust (3/5)	Servo-pilot supply (12/14)	Servo-pilot exhaust (82/84)	Inlets (2-4)
G1/4	G1/2	G1/8	G1/8	G1/8

TERMINAL PLATES - pneumatic connections from left and right



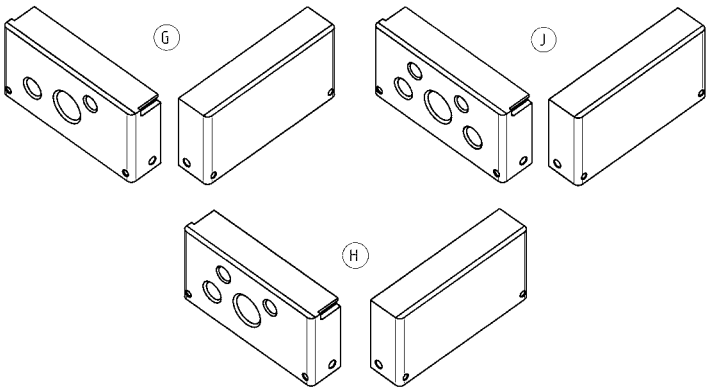
Terminal Plates		
Code	Common connections	Separated connections
A	1 - 11 12/14	82/84 3/5
B	1 - 11	12/14 82/84 3/5
C	-	1 - 11 12/14 82/84 3/5

TERMINAL PLATES - pneumatic connections from the right



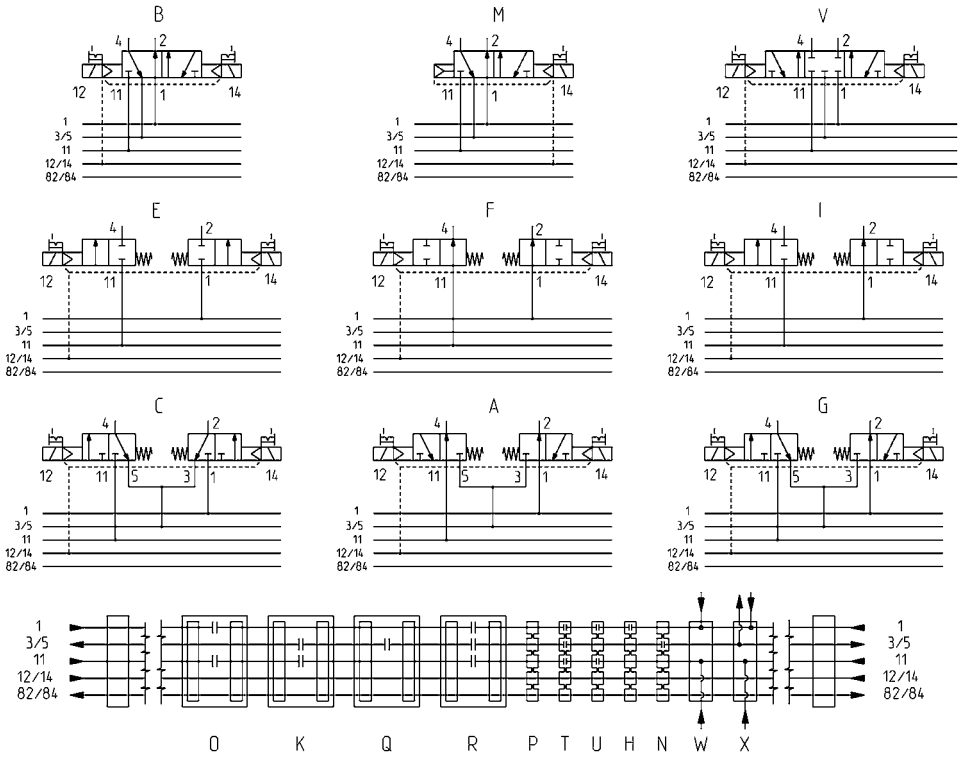
Terminal Plates		
Code	Common connections	Separated connections
D	1 - 11 12/14	82/84 3/5
E	1 - 11	12/14 82/84 3/5
F	-	1 - 11 12/14 82/84 3/5

TERMINAL PLATES - pneumatic connections from the left



Terminal Plates		
Code	Common connections	Separated connections
G	1 - 11 12/14	82/84 3/5
H	1 - 11	12/14 82/84 3/5
J	-	1 - 11 12/14 82/84 3/5

Available functions

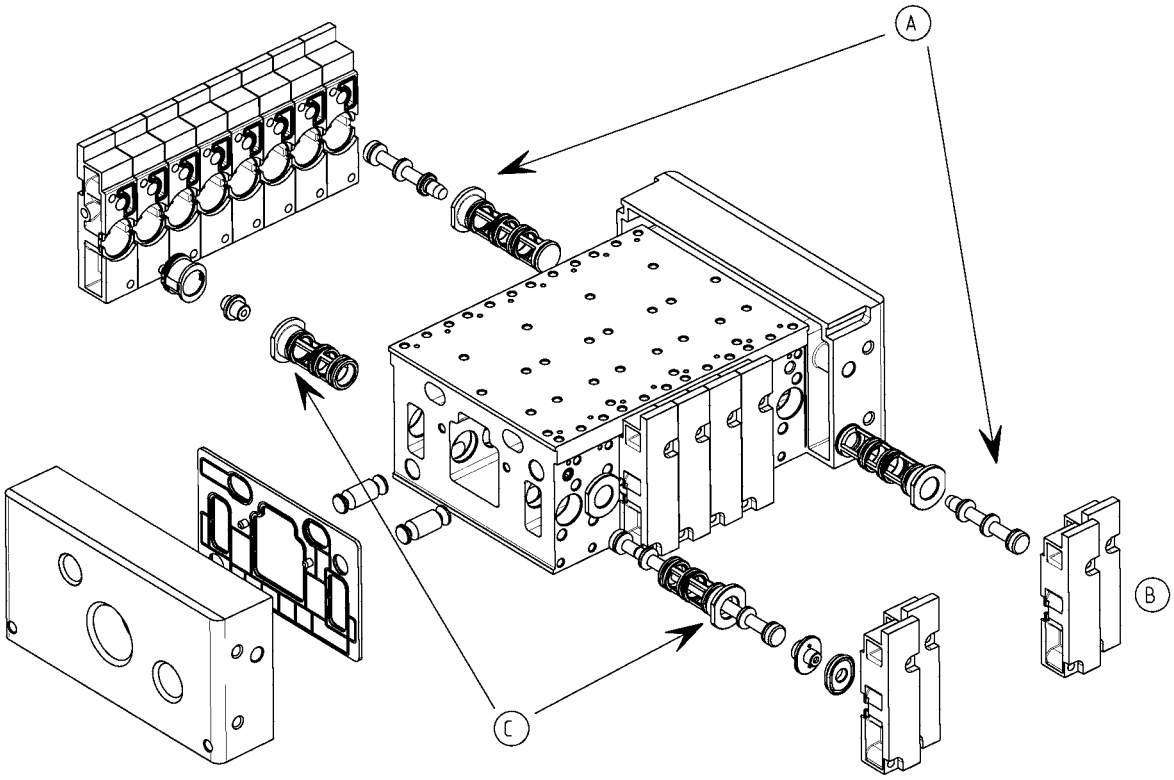


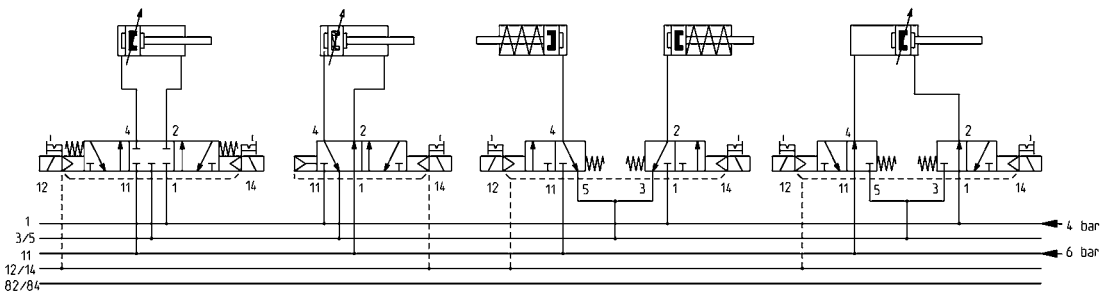
Code	Function	Actuation/return	Working pressure (bar)	Pilot pressure (bar)	Symbol
M	5/2 Monostable	solenoid/pneumatic spring	-0,9 ÷ 10	3 ÷ 7	M
B	5/2 Bistable	solenoid/solenoid	-0,9 ÷ 10	3 ÷ 7	B
V	5/3 Centres Closed	solenoid/solenoid	-0,9 ÷ 10	3 ÷ 7	V
I	2 x 2/2 (1 NO + 1 NC)	solenoid/solenoid	-0,9 ÷ 10	3 ÷ 7	I
E	2 x 2/2 (NC)	solenoid/solenoid	-0,9 ÷ 10	3 ÷ 7	E
F	2 x 2/2 (NO)	solenoid/solenoid	-0,9 ÷ 10	3 ÷ 7	F
G	2 x 3/2 (1 NO + 1 NC)	solenoid/solenoid	-0,9 ÷ 10	3 ÷ 7	G
C	2 x 3/2 (NC)	solenoid/solenoid	-0,9 ÷ 10	3 ÷ 7	C
A	2 x 3/2 (NO)	solenoid/solenoid	-0,9 ÷ 10	3 ÷ 7	A
L	Free position	-	-	-	L
W	Additional supply from 2 and 4	-	-	-	W
T	Diaphragm seal (module's separation)	-	-	-	T
P	Through seal (module's separation)	-	-	-	P
T/	Diaphragm seal (separation of both modules and covers)	-	-	-	T
P/	Through seal (separation of both modules and covers)	-	-	-	P
U	Diaphragm seal 3/5 open	-	-	-	U
H	Diaphragm seal 3/5 - 11 open	-	-	-	H
N	Diaphragm seal 1 - 11 open	-	-	-	N
U/	Diaphragm seal 3/5 open (separation of both modules and covers)	-	-	-	U
K	Expansion module, 2 positions with 3/5 - 11 closed	-	-	-	K
R	Expansion module, 2 positions with 3/5 - 1 - 11 closed	-	-	-	R
O	Expansion module, 2 positions with 1- 11 closed	-	-	-	O
Q	Expansion module, 2 positions with 3 - 5 closed	-	-	-	Q
X	Module for additional supply	-	-	-	X

Cartridges and spools for the creation of valve functions

The different valve functions are obtained by inserting the cartridges and spools in the seats of the pneumatic module. These seats have been designed at right angles with respect to the terminal plates.
The shape of cartridges and spools depends on the valve function required.
Example:
(A) = Cartridge and spool for a 3/2-way function
(B) = End cover
(C) = Cartridge and spool for a 5/2-way function

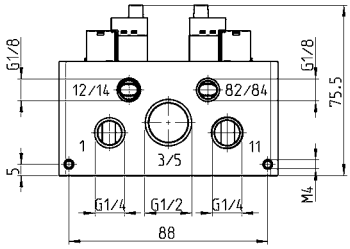
The modification or maintenance of a valve position is obtained removing the end cover “B” and replacing both the cartridge and the spool. During modification/maintenance, the tubing for the pneumatic connection can stay connected to the island, thus simplifying and optimising the whole operation.

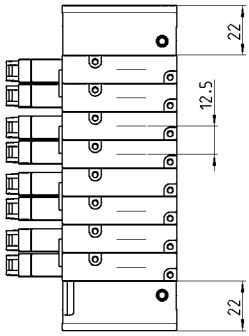


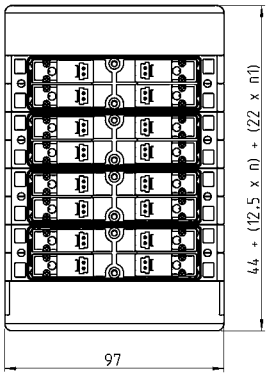


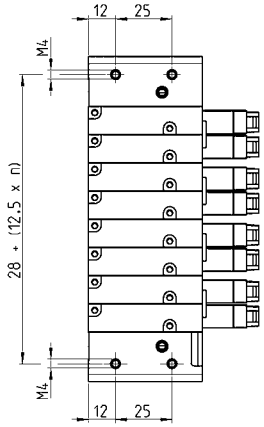
Individual version - dimensions

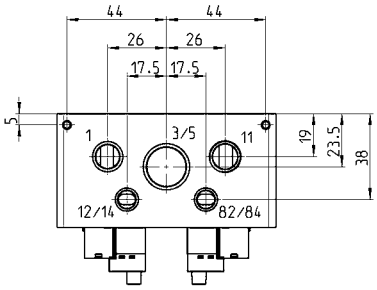
n = number of valves
n1 = number of supplementary power supply modules (cod. X)









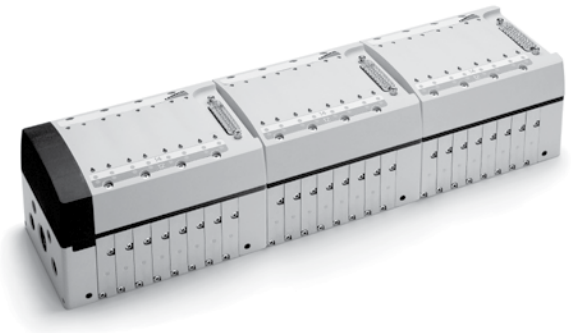


Covers

The Multipole and Fieldbus versions use covers for the pilot valves, which guarantee the IP65 protection class as well as the mechanical protection of internal parts.
The covers combine:
- manual override in the monostable and bistable functions. A simple pressure is enough to obtain a monostable function, whereas the bistable function is obtained coupling a rotation.
- LEDs for the voltage signalling on the coil
- diagnostic LEDs on Fieldbus versions
- ports for the electrical connectors
- integrated electronic boards
- connection interface with the pilot valves
- outlet protection against overvoltage, reversed polarity and short circuit
- connections realized on printed circuit boards

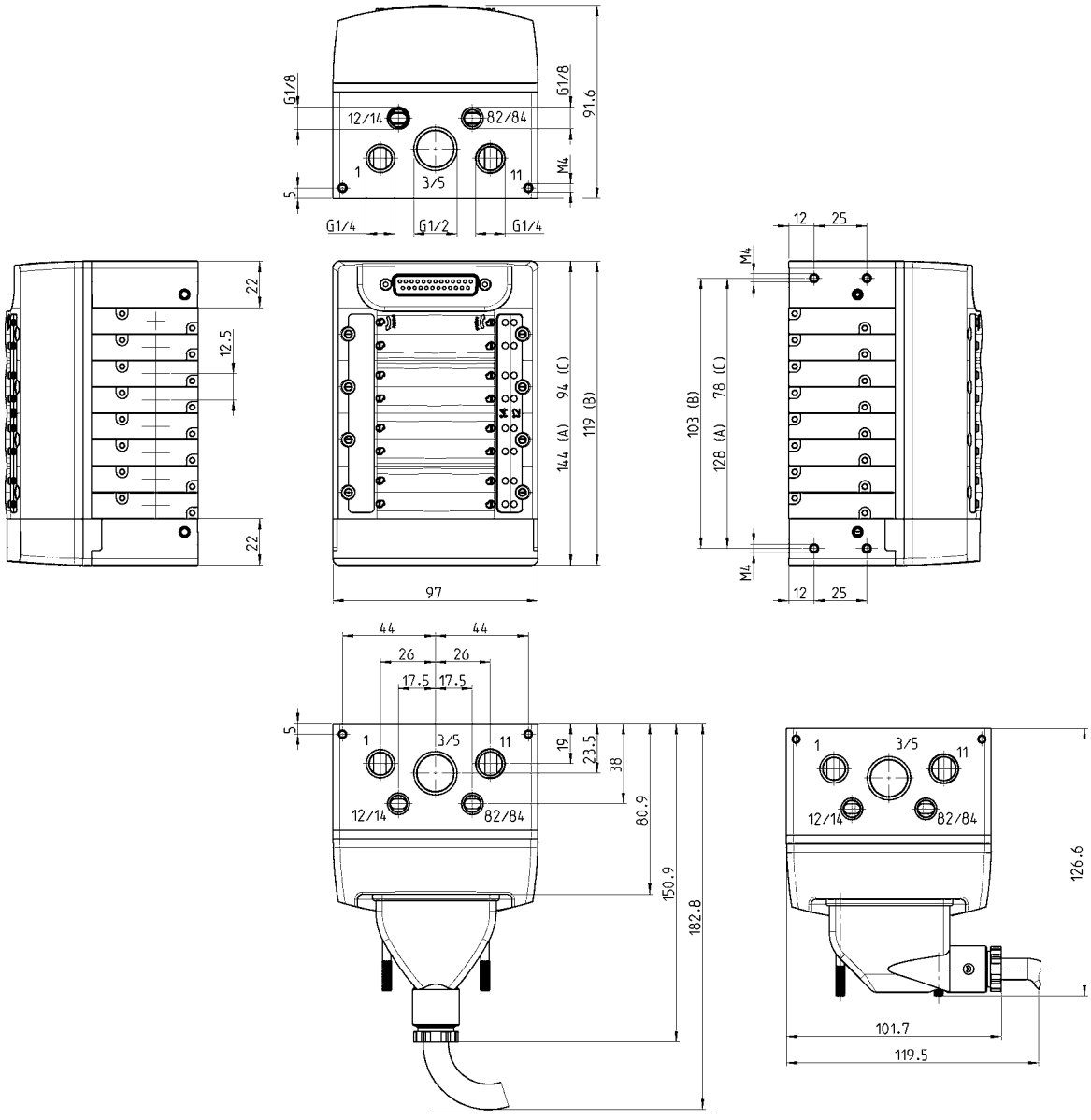
Covers - Multipole version

The Multipole cover is available in three sizes and allows the connection to valve islands with 4, 6 or 8 valve positions. Every position can be freely equipped with either monostable or bistable solenoid.
It is possible to join two or more valve islands placing a plate for intermediate supply, type “X”, under every Sub-D plug.
Pneumatic modules can be composed of 2, 4, 6 or 8 valve positions and separated by various seals.
A module for additional supply type “X” or a function “W” must be always inserted between two seals separating channels 1 and 11.



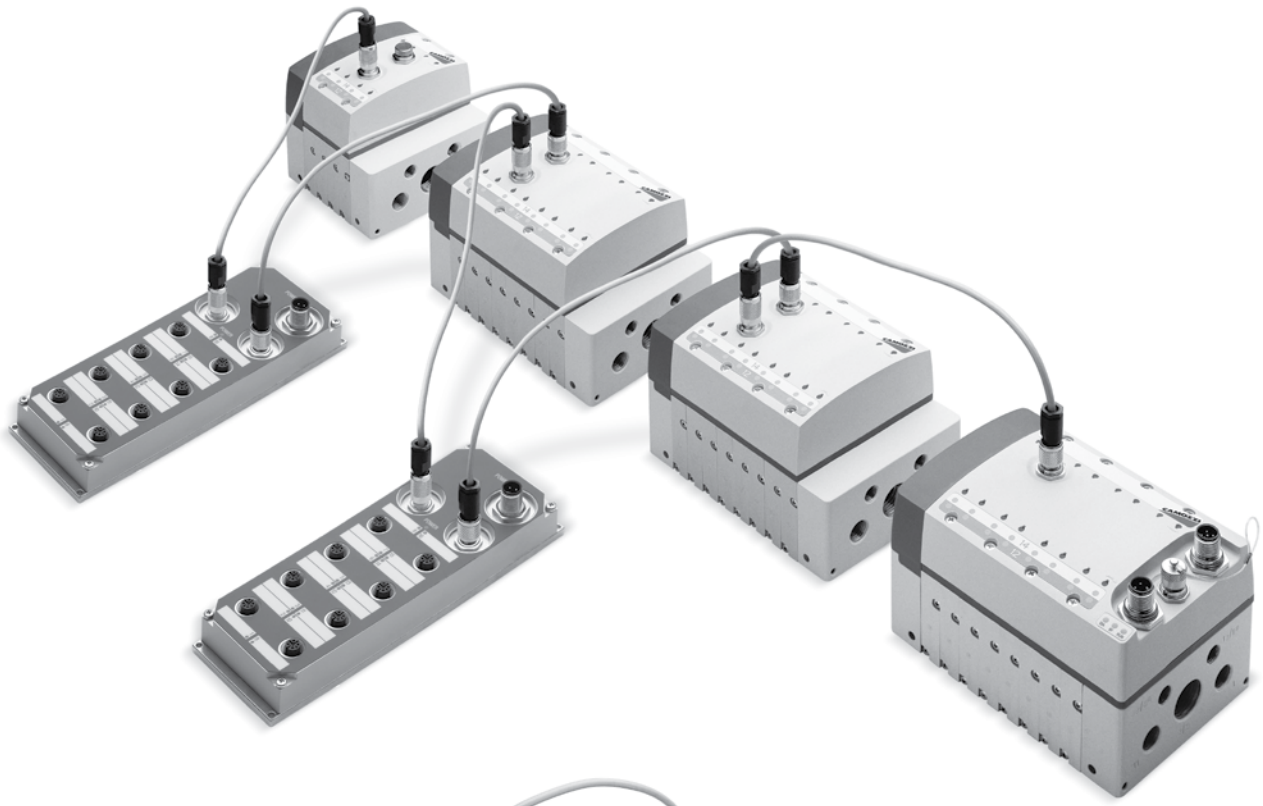
Multipole version - dimensions

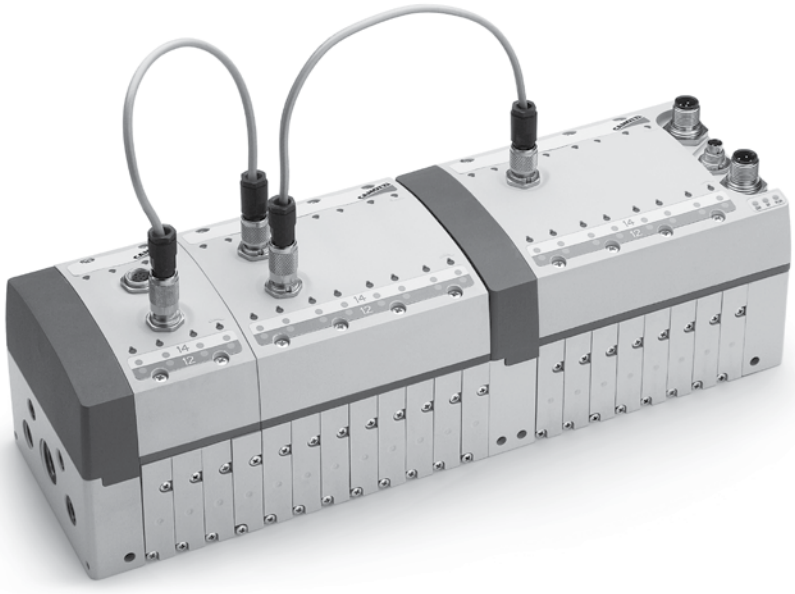
A = 8 positions
B = 6 positions
C = 4 positions



Covers - Fieldbus version

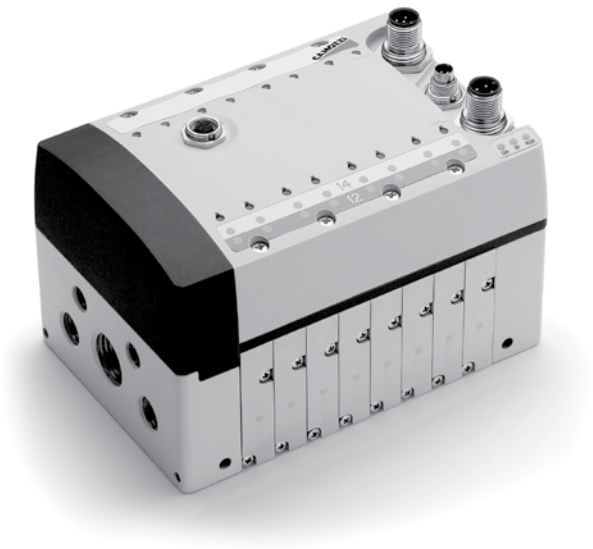
This version allows the direct connection to Profibus-Dp, DeviceNet, CANOpen. The main feature of this version is a starting module called “Initial module” to which the subfieldbus is connected for the management of the expansion modules. The Initial module can arrange up to 32 solenoids (outputs) and 48 inlets. To optimize the electronic part, a proper function allows the remoting of unused outlets on the expansion modules. It is thus possible to pilot 32 solenoids on 32 valve positions without loosing any output signal.
Advantages:
- cost reduction thanks to a reduced number of initial modules that can be replaced by expansion modules;
- simplified code as the type of subbase is the same for bistable or monostable solenoid valves;
- saving of electrical signals that are not consumed by free positions and/or diaphragm seals;
- reduced dimensions, simplified connections and optimization of installation costs thanks to the covers modular structure which allows several islands to be joined together.





Fieldbus Initial Module - characteristics

The initial module has always 8 positions.
It is only the initial module to which the Fieldbus and electrical supply (24V DC) is connected.
The coils addressing can be sequential or customized by a specific configuration software that can be downloaded from our website http://catalogue.camozzi.com/Downloads, as well as the configuration file.
Pneumatic modules, available with 2, 4, 6, or 8 valve positions, can be separated by proper seals and allow the creation of different pressure/exhaust zones.



Fieldbus Expansion Module - characteristics

Versions available:
2 valve positions
4 valve positions
8 valve positions

The expansion modules:
- communicate among themselves and with the initial module through the Cam.I.Net subfieldbus.
- can be easily added to enlarge the valve island, thus avoiding the use and costs of free positions;
- can be positioned up to 50 metres from initial module and subdivided into up to 15 groups.

The particular construction of the islands allows the in-line mounting of all the Expansion modules.

Pneumatic modules, available with 2, 4, 6, or 8 valve positions, can be separated by proper seals and allow the creation of different pressure/exhaust zones.

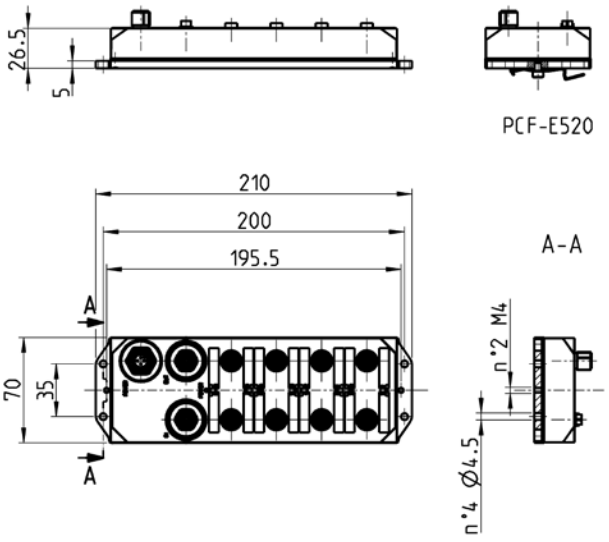
Electrical digital inputs module ME-1600-DL* - Characteristics

It allows the connection of 16 electrical input signals via 8 M12 DUO 5 poles connections. It is thus possible to connect 2 inputs for each connection.
The input module can be positioned at any point of the Cam.I.Net. sub-fieldbus.
3 input modules at most can be connected to the initial module, for a total of 48 inputs.

* not for the DeviceNet version

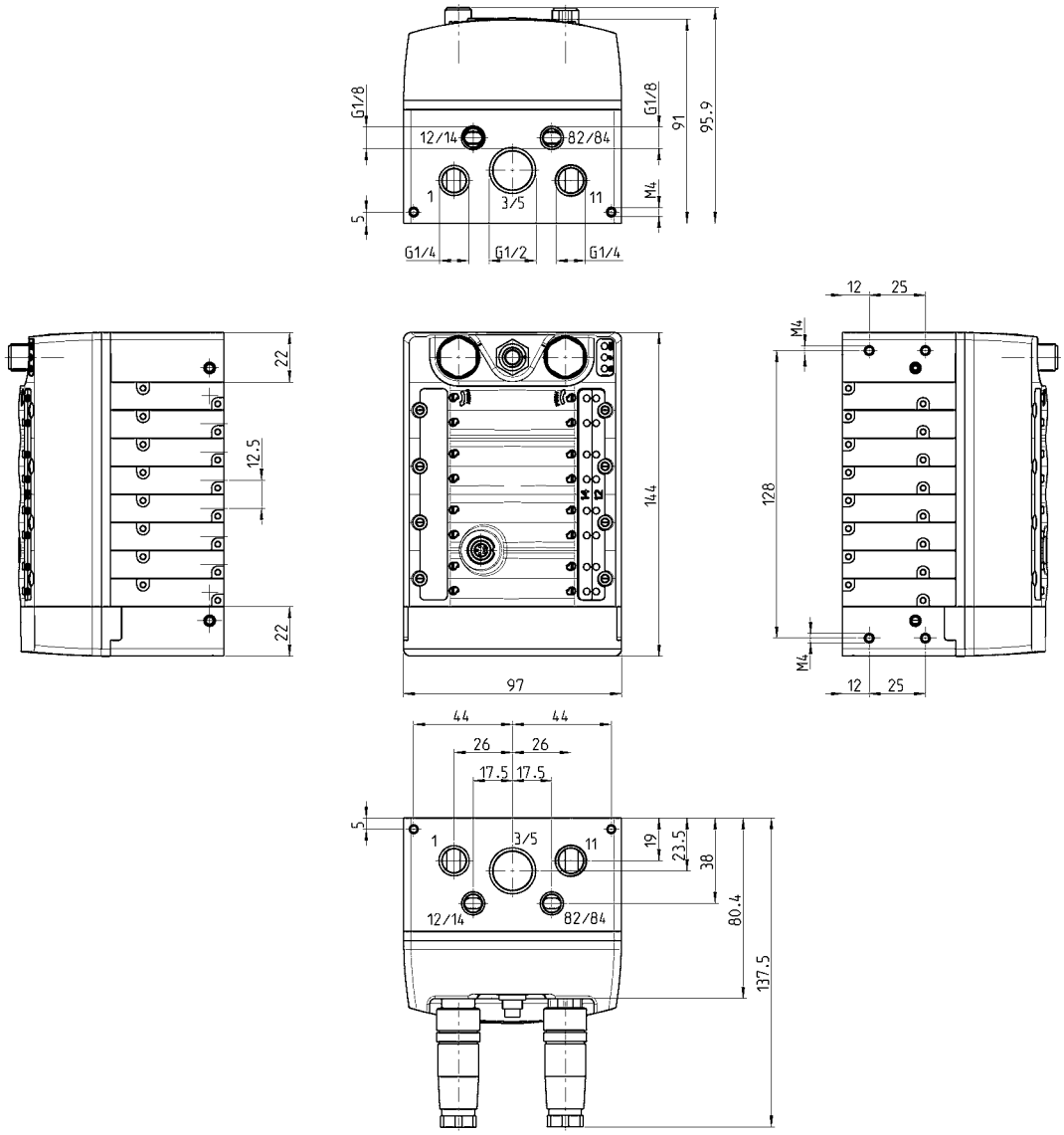
Digital Inputs Module ME-1600-DL* - dimensions

* not for the DeviceNet version



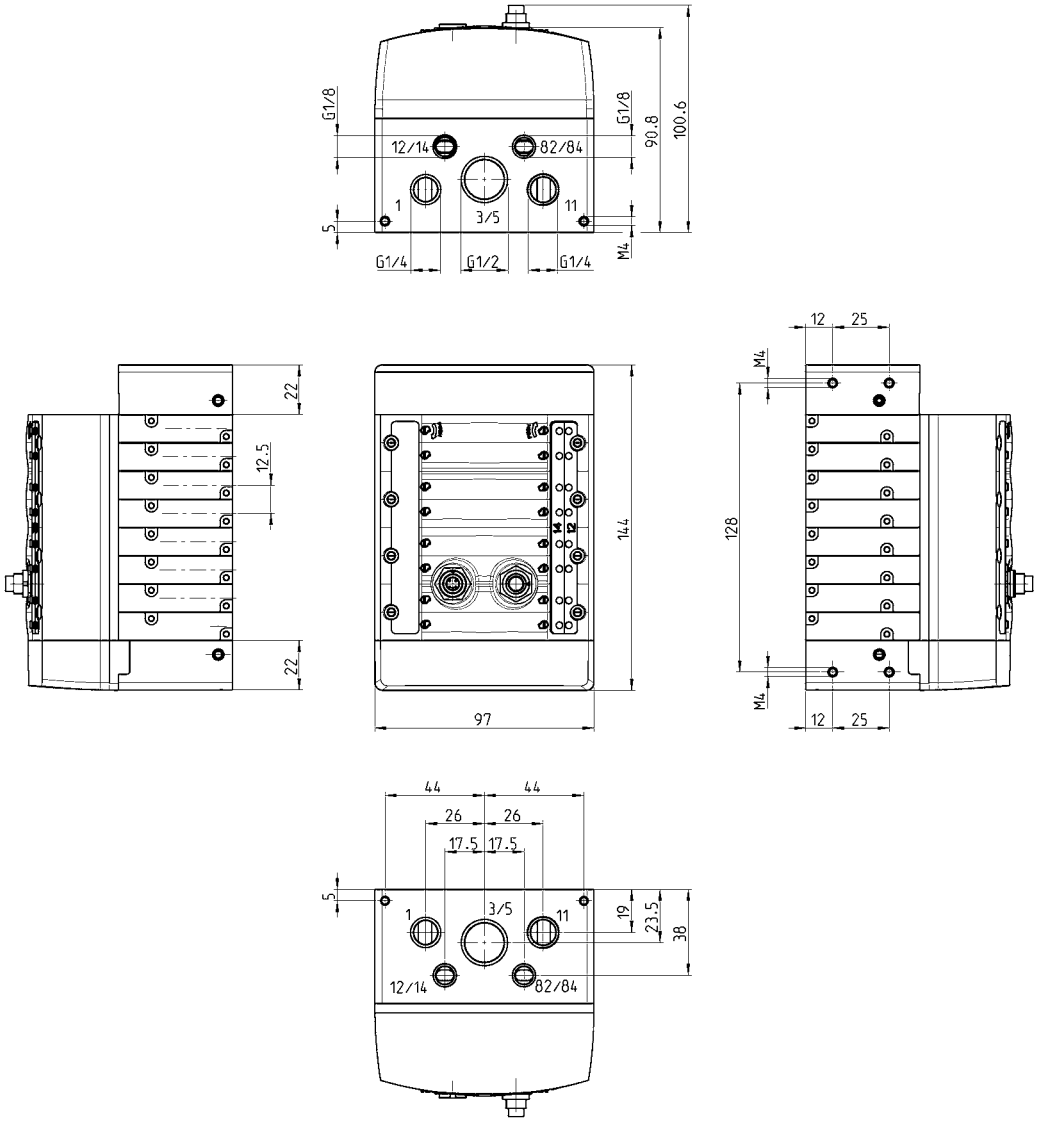
Fieldbus Initial Module - dimensions

Dimensions don't change according to the different Fieldbus versions
(Profibus-DP, CANopen, DeviceNet).

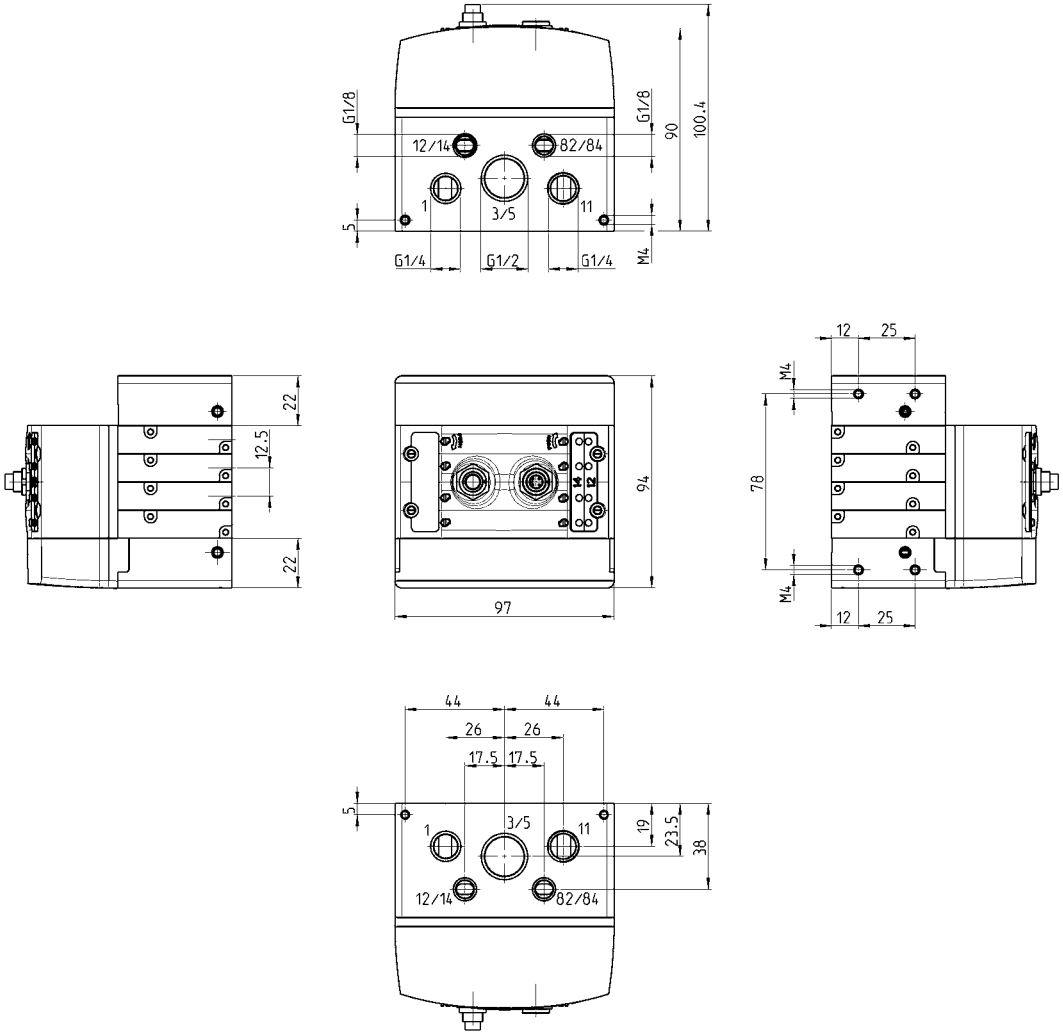


2
CONTROL

Fieldbus Expansion Module with 8 valve positions - dimensions

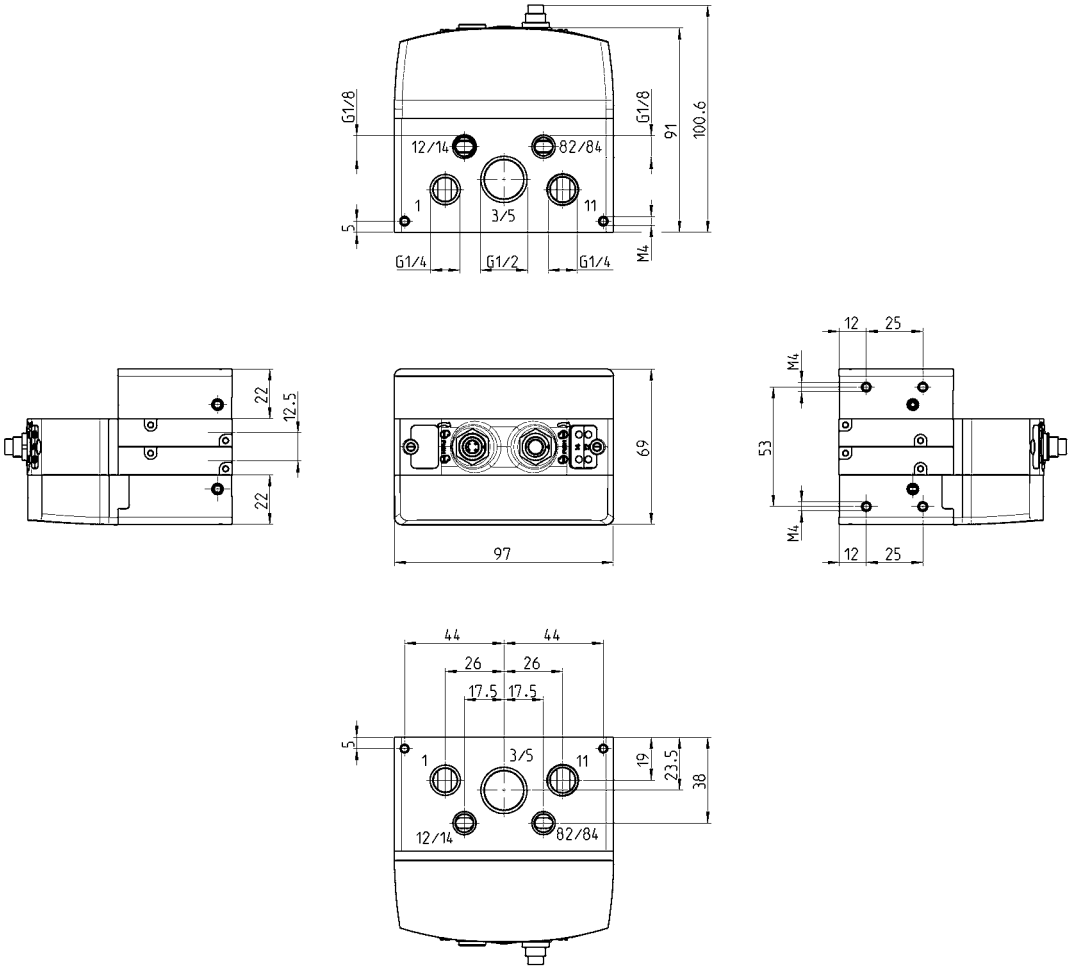


Fieldbus Expansion Module with 4 valve positions - dimensions

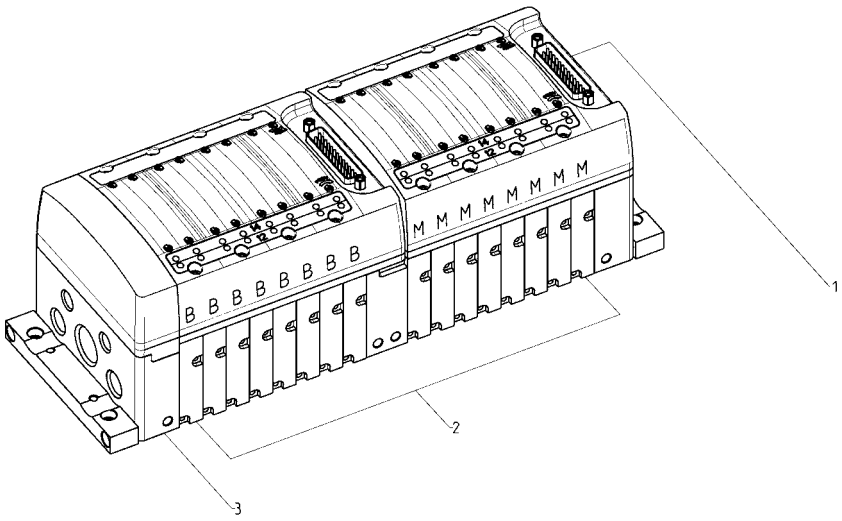


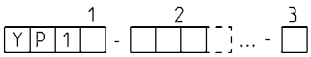
2
CONTROL

Fieldbus Expansion Module with 2 valve positions - dimensions



CODING





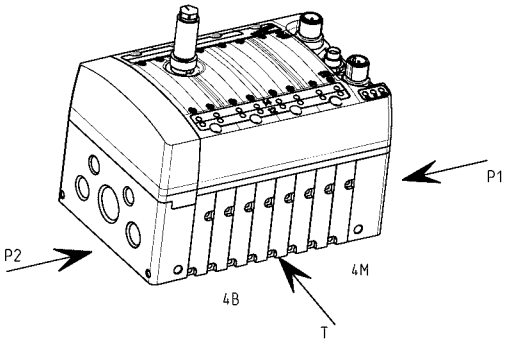
(1) Code	Type of electrical connection	(2) Code	Type of valve	(3) Code	Type of terminal plates
K	Individual		-		-
M	Multipole (PNP)		-		-
P	Profibus-Dp		-		-
D	DeviceNet		-		-
C	CANopen		-		-
E	Expansion		-		-
	-	**M**	5/2 Monostable		-
	-	**B**	5/2 Bistable		-
	-	**V**	5/3 CC		-
	-	**I**	2 x 2/2 1 NO + 1 NC		-
	-	**E**	2 x 2/2 NC		-
	-	**F**	2 x 2/2 NO		-
	-	**G**	2 x 3/2 1 NO + 1 NC		-
	-	**C**	2 x 3/2 NC		-
	-	**A**	2 x 3/2 NO		-
	-	**L**	Free position		-
	-	**W**	Additional supply module from 2 and 4		-
	-	**T**	Diaphragm seal (modules separation)		-
	-	**P**	Through seal (modules separation)		-
	-	**T/**	Diaphragm seal (modules and cover separation)		-
	-	**P/**	Through seal (modules and cover separation)		-
	-	**U**	Diaphragm seal 3/5 opened		-
	-	**H**	Diaphragm seal 3/5-11 opened		-
	-	**N**	Diaphragm seal 1-11 opened		-
	-	**U/**	Diaphragm seal 3/5 opened, modules and cover separ.		-
	-	**K**	Module with 2 positions and 3/5-11 closed		-
	-	**R**	Module with 2 positions and 3/5-1-11 closed		-
	-	**O**	Module with 2 positions and 1-11 closed		-
		Q	Module with 2 positions and 3/5 closed		-
	-	**X**	Additional supply module		-
	-		-	**A**	in common 1/11 - 12/14 individual 82/84 - 3/5
	-		-	**B**	in common 1/11 individual 12/14 - 82/84 - 3/5
	-		-	**C**	individual 1/11 - 12/14 - 82/84 - 3/5
	-		-	**D**	in common 1/11 - 12/14 individual 82/84 - 3/5
	-		-	**E**	in common 1/11 individual 12/14 - 82/84 - 3/5
	-		-	**F**	individual 1/11 - 12/14 - 82/84 - 3/5
	-		-	**G**	in common 1/11 - 12/14 individual 82/84 - 3/5
	-		-	**H**	in common 1/11 individual 12/14 - 82/84 - 3/5
	-		-	**J**	individual 1/11 - 12/14 - 82/84 - 3/5
	-		-	**Z**	modules without terminal plate

Coding example 1

Valve island with Profibus-DP connection made of:
4x solenoid valves type M
1x diaphragm seal Mod. T
4x solenoid valves type B
Terminals with 1 and 11 in common on both sides and 12 /14 separated.

Code:
YP1P-4MT4B-B

For the code composition see the coding table on the previous page.

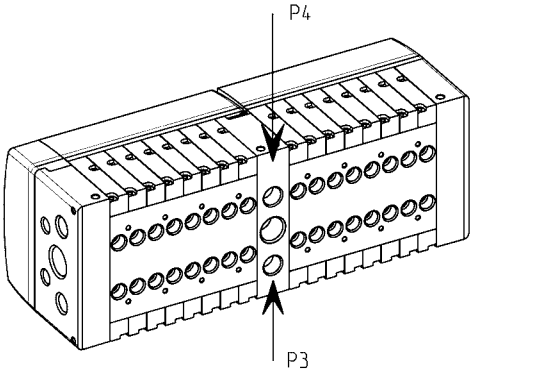


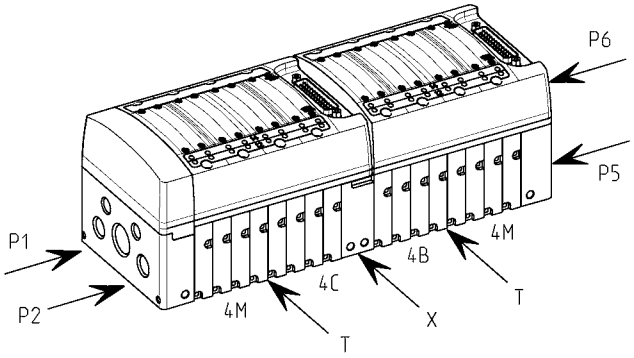
Coding example 2

Valve island with Multipole connection made of:
4x solenoid valves type M
1x diaphragm seal Mod. T for the separation of pressure zones
4x solenoid valves type B
1x through-out seal Mod. P
1x intermediate additional supply module Mod. X
1x through-out seal Mod. P
Terminals with individual connection
4x solenoid valves type C
1x diaphragm seal Mod. T for the separation of pressure zones
4x solenoid valves type M

Code:
YP1M-4MT4BPXP4CT4M-C

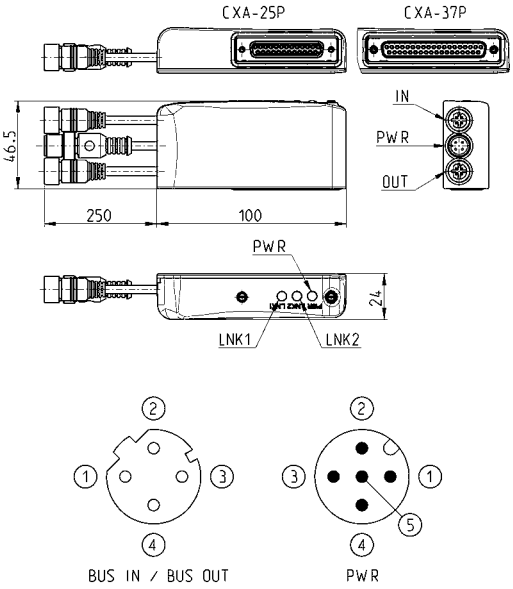
For the code composition see the coding table on the previous page.





Sub-D adaptor module 25 pin Mod. CXA-25P

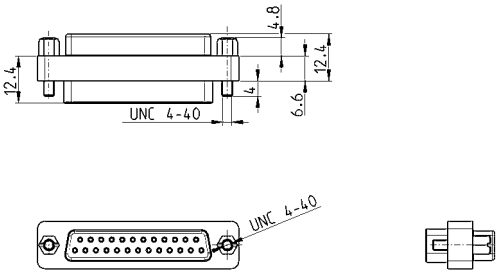
It is an Expansion module of the subnet and can be connected to all valve islands with Sub-D 25 pin connection. It can manage up to a maximum of 24 Output. It has its own M12 A 4 pin male connection for the supply of the valves connected, distinguishing both logic supply and power supply and two M12 D 4 pin female connections for the Bus-IN and Bus-OUT of the subnet. The subnet can have a maximum length of maximum 100 metres. The power of a single Output is 3 W to 24 V DC. Thanks to the PWM technique it is possible to set a power reduction to only maintain operation.



Led 1 = Yellow LNK1
Led 2 = Yellow LNK2
Led 3 = Green PWR,
supply present and OK

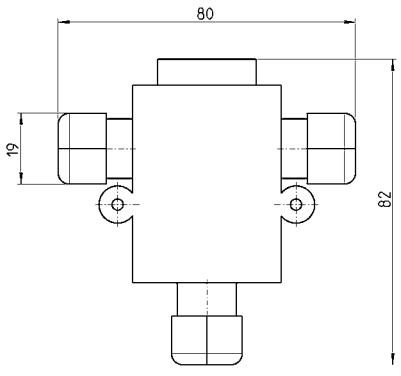
Mod.	Interface	Digital Outs	Bus-IN connection	Bus-OUT connection	PWR connection	Supply	Power for every Output
CXA-25P	Sub-D 25 pin	24	M12D 4 pin female	M12D 4 pin female	M12A 4 pin male	24 V DC	3 W

25M-25F Sub-D adaptor



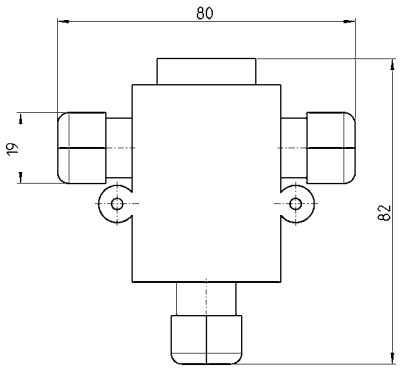
Mod.	description	type of connector	connection	cable length (m)
G2X-G2W	moulded adaptor	in line	Sub-D 25 pin female - Male	-

Profibus-DP data line tee



Mod.
CS-AA03EC

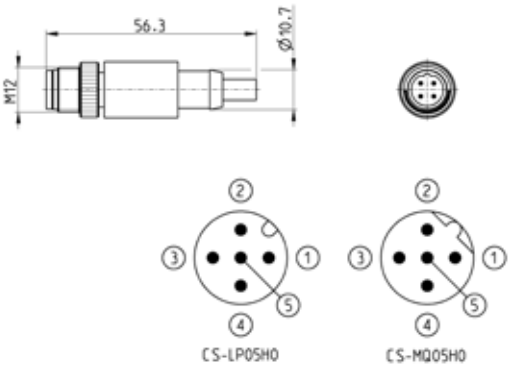
CANopen / DeviceNet data line tee



Mod.
CS-AA05EC

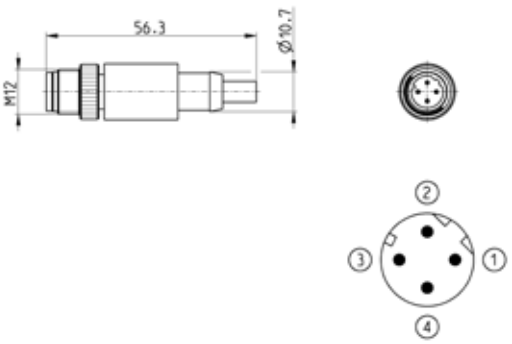
M12 male terminating resistor

For PROFIBUS, CANopen, DeviceNet



Mod.	description	type of connector	connection	Protocol
CS-MQ05H0	moulded terminating resistor	straight	M12 B 4 pin male - Pin 5 is not connected	PROFIBUS
CS-LP05H0	moulded terminating resistor	straight	M12 A 5 pin male - Pin 5 is connected	CANOpen / DeviceNet

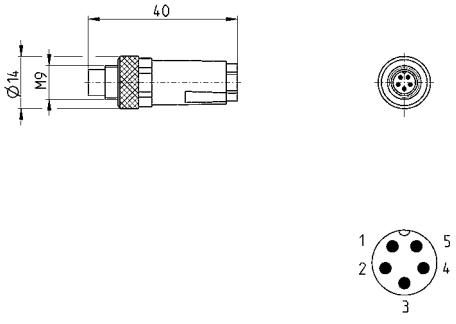
Series CX subnet terminating resistor



Mod.	description	type of connector	connection	Protocol
CS-SU04H0	moulded terminating resistor	straight	M12 D 4 pin	subnet

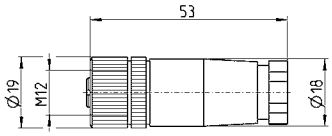
Terminal resistance Cam.I.Net

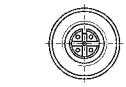
Connector with sub-serial terminal resistance

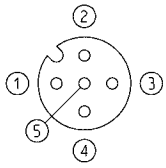


Mod.
CS-FP05H0

Straight connector for power supply

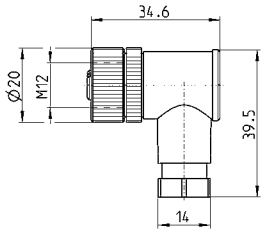


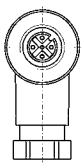


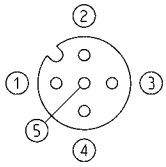


Mod.	description	type of connector	connection	cable length (m)
CS-LF04HB	for wiring	straight	M12 A 4 pin female - Pin 5 is not connected	-

Angular connector for power supply

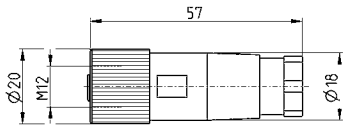


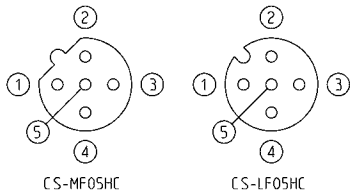




Mod.	description	type of connector	connection	cable length (m)
CS-LR04HB	for wiring	90°	M12 A 4 pin female - Pin 5 is not connected	-

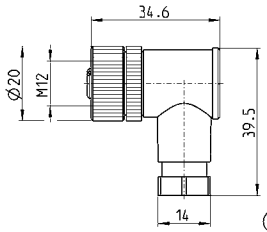
Straight female M12 connectors for Bus-IN

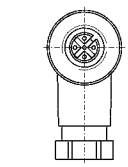


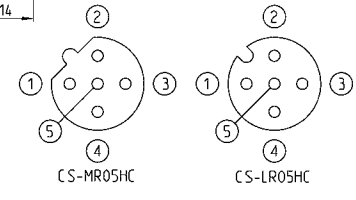


Mod.	description	type of connector	connection	Protocol
CS-LF05HC	for wiring	straight	M12 A 5 pin female	CANopen / DeviceNet
CS-MF05HC	for wiring	straight	M12 B 5 pin female	PROFIBUS

Angular 90° female M12 connectors for Bus-IN



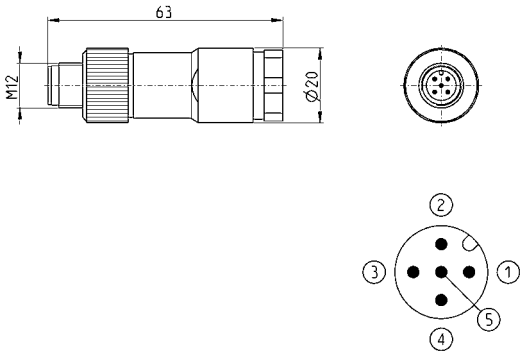




Mod.	description	type of connector	connection	Protocol
CS-LR05HC	for wiring	90°	M12 A 5 pin female	CANopen / DeviceNet
CS-MR05HC	for wiring	90°	M12 B 5 pin female	PROFIBUS

5 pin male straight M12 DUO connector

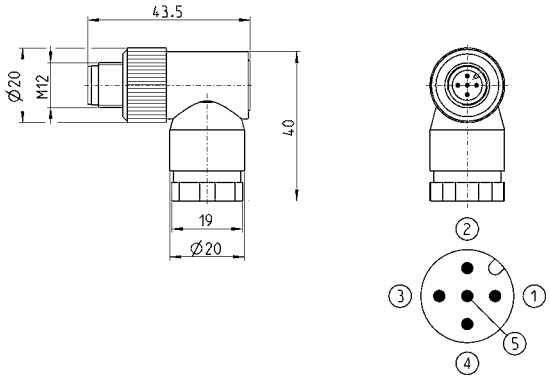
For the connection of the digital input modules.



Mod.	description	type of connector	connection	cable length (m)
CS-LD05HF	for wiring	straight	M12 A 5 pin male	-

5 pin male angular M12 DUO connector

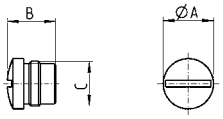
For the connection of the digital input modules.



Mod.	description	type of connector	connection	cable length (m)
CS-LH05HF	for wiring	90°	M12 A 5 pin male	-

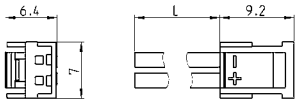
M8 and M12 connector cover caps

For digital and analog input/output modules and subnet



Mod.	A	B	C [Connection]
CS-LFTP	13.5	13	M12

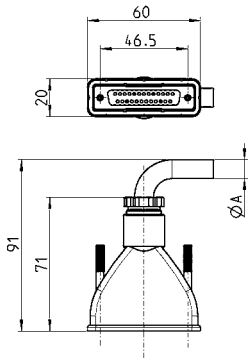
Connector Mod. 121-8.. for Individual version



Mod.	description	colour	L = cable length (mm)	cable holding
121-803	crimped cable	black	300	crimping
121-806	crimped cable	black	600	crimping
121-810	crimped cable	black	1000	crimping
121-830	crimped cable	black	3000	crimping

Straight Sub-D 25 pin female connector with axial cable

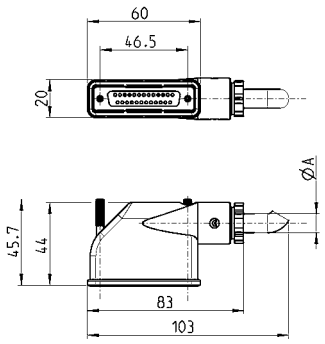
Protection class IP65



Mod.	⌀A	PIN	cable length (m)
G3X-3	7.7	16	3
G3X-5	7.7	16	5
G3X-10	7.7	16	10
G3X-15	7.7	16	15
G3X-20	7.7	16	20
G3X-25	7.7	16	25
G4X-3	9	25	3
G4X-5	9	25	5
G4X-10	9	25	10
G4X-15	9	25	15
G4X-20	9	25	20
G4X-25	9	25	25

Right angle Sub-D 25 pin female connector with axial cable

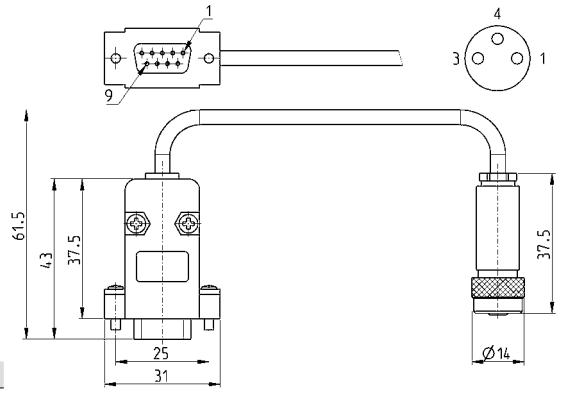
Protection class IP65



Mod.	⌀A	PIN	cable length (m)
G3X1-3	7.7	16	3
G3X1-5	7.7	16	5
G3X1-10	7.7	16	10
G3X1-15	7.7	16	15
G3X1-20	7.7	16	20
G3X1-25	7.7	16	25
G4X1-3	10	25	3
G4X1-5	10	25	5
G4X1-10	10	25	10
G4X1-15	10	25	15
G4X1-20	10	25	20
G4X1-25	10	25	25

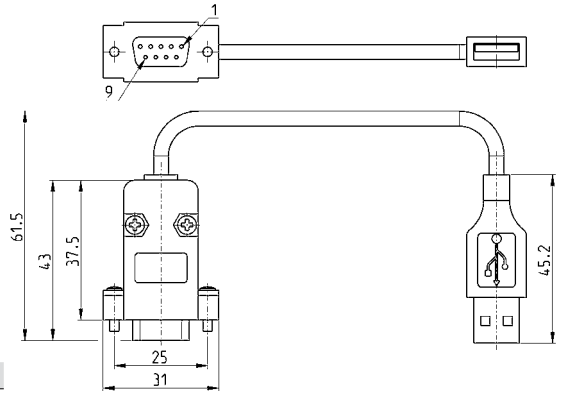
Programming cable

Manuals, configurator and configuration files are available on our website http://catalogue.camozzi.com in the section Downloads.



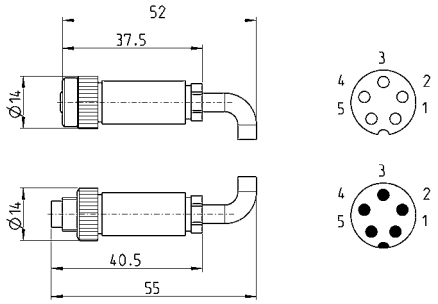
Mod.	cable length (m)
CS-FZ03AD-C500	5

USB SERIAL converter for programming cable



Mod.	cable length (m)
G8X3-G8W-1	1

Expansion cable

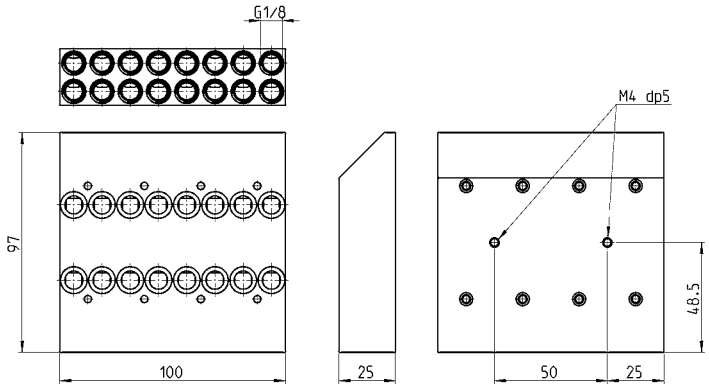


Mod.	cable length (mt)
CS-FW05HE-D025	0,25
CS-FW05HE-D100	1
CS-FW05HE-D250	2,5
CS-FW05HE-D500	5
CS-FW05HE-DA00	10

Interface with 8 valve positions

Outlets 2 and 4 are located in the lower part of the module and can be oriented on end-covers side using this interface sub-base.

Supplied with:
1x interface 8 pos.
8x screws M3x25 UNI 5931
16x interface seals

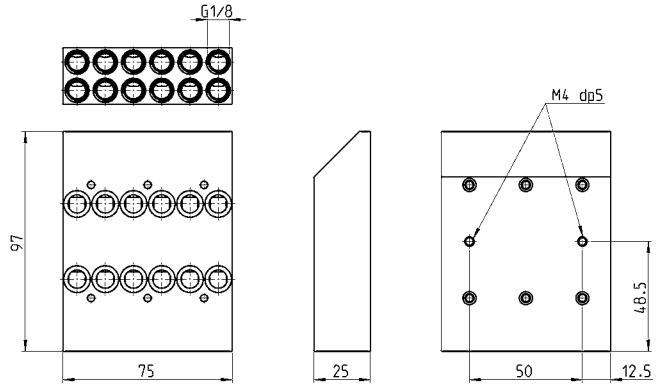


Mod.
YA1K-N8

Interface with 6 valve positions

Outlets 2 and 4 are located in the lower part of the module and can be oriented on end-covers side using this interface sub-base.

Supplied with:
1x interface 6 pos.
6x screws M3x25 UNI 5931
12x interface seals

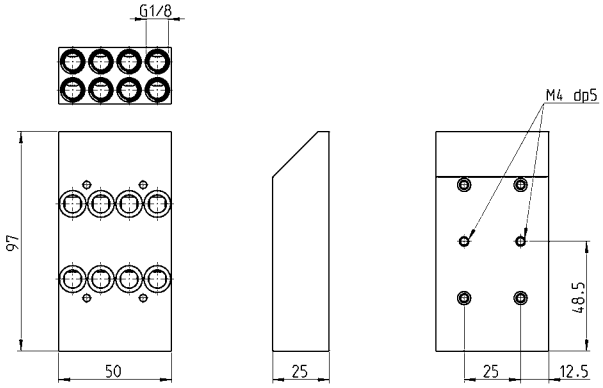


Mod.
YA1K-N6

Interface with 4 valve positions

Outlets 2 and 4 are located in the lower part of the module and can be oriented on end-covers side using this interface sub-base.

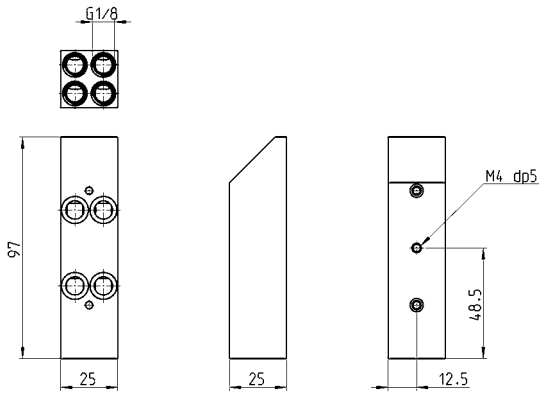
Supplied with:
1x interface 4 pos.
4x screws M3x25 UNI 5931
8x interface seals



Mod.
YA1K-N4

Interface with 2 valve positions

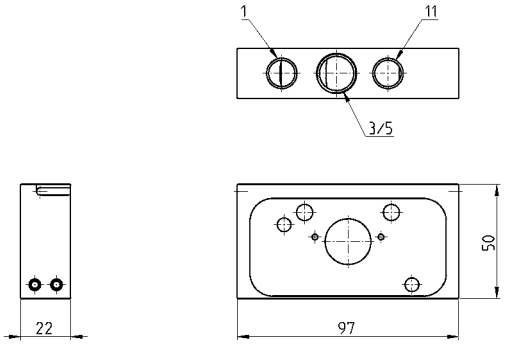
Outlets 2 and 4 are located in the lower part of the module and can be oriented on end-covers side using this interface sub-base.



Supplied with:
1x interface 2 pos.
2x screws M3x25 UNI 5931
4x interface seals

Mod.
YA1K-N2

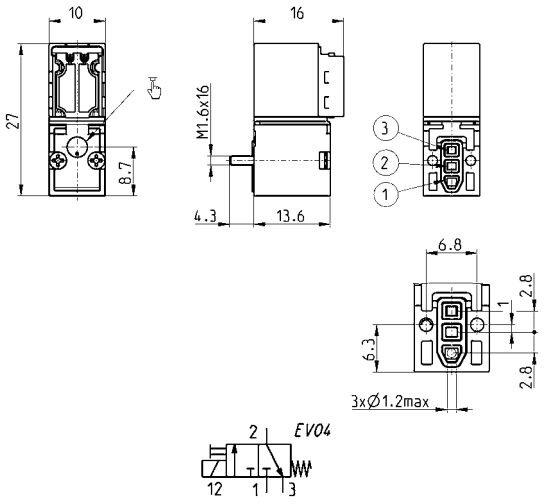
Intermediate plate for supplementary supplies and exhausts cod. X



Mod.	1	3/5	11
YA1K-N1X/1	G1/4	G3/8	G1/4

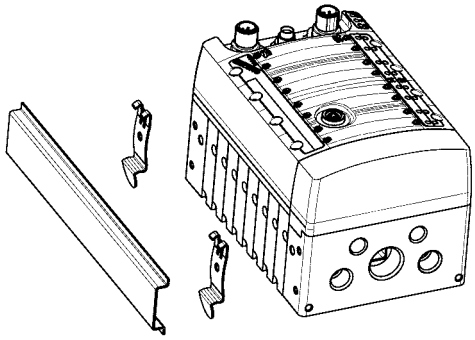
Solenoid valve Mod. KN000-303-KY3N - spare part for Series Y

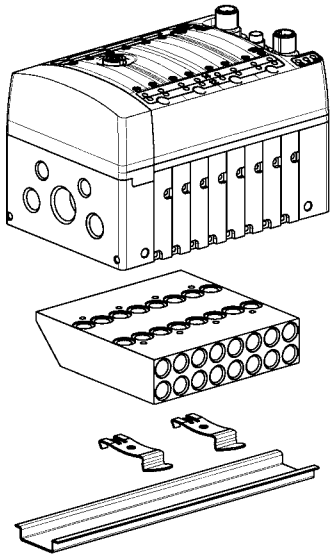
Supplied with:
1x interface seal
2x screws M1.6x16 UNI 10227



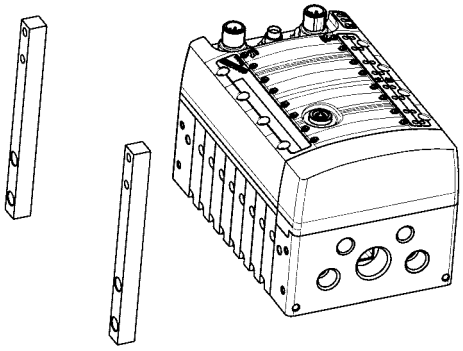
Mod.
KN000-303-KY3N

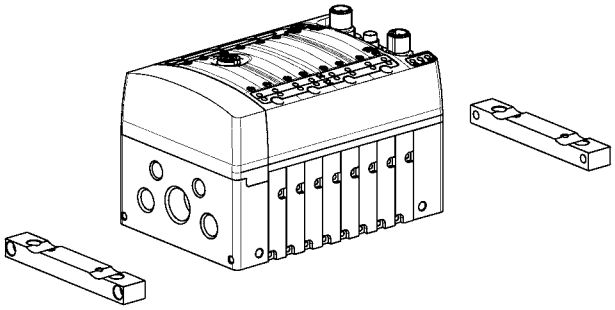
Mounting solutions on DIN EN 50022 rail





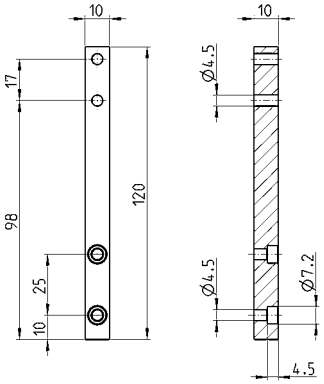
Wall mounting solutions





Vertical foot

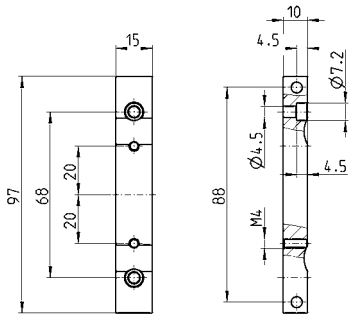
Supplied with:
2x vertical feet
2x screws M4x10 UNI 5931



Mod.
YA1K-B2

Horizontal foot

Supplied with:
2x horizontal feet
2x screws M4x14 UNI 5931

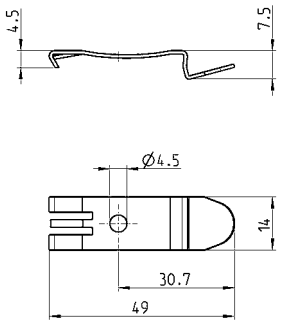


Mod.
YA1K-B1

Mounting brackets for DIN rail

DIN EN 50022 (7,5mm x 35mm - width 1)

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



DIMENSIONS
Mod.
PCF-E520