COMPONENTS FOR PNEUMATIC AUTOMATION

PNEUMAX®

PNEUMAX NEWS 43
SERIAL SYSTEM

INDEX

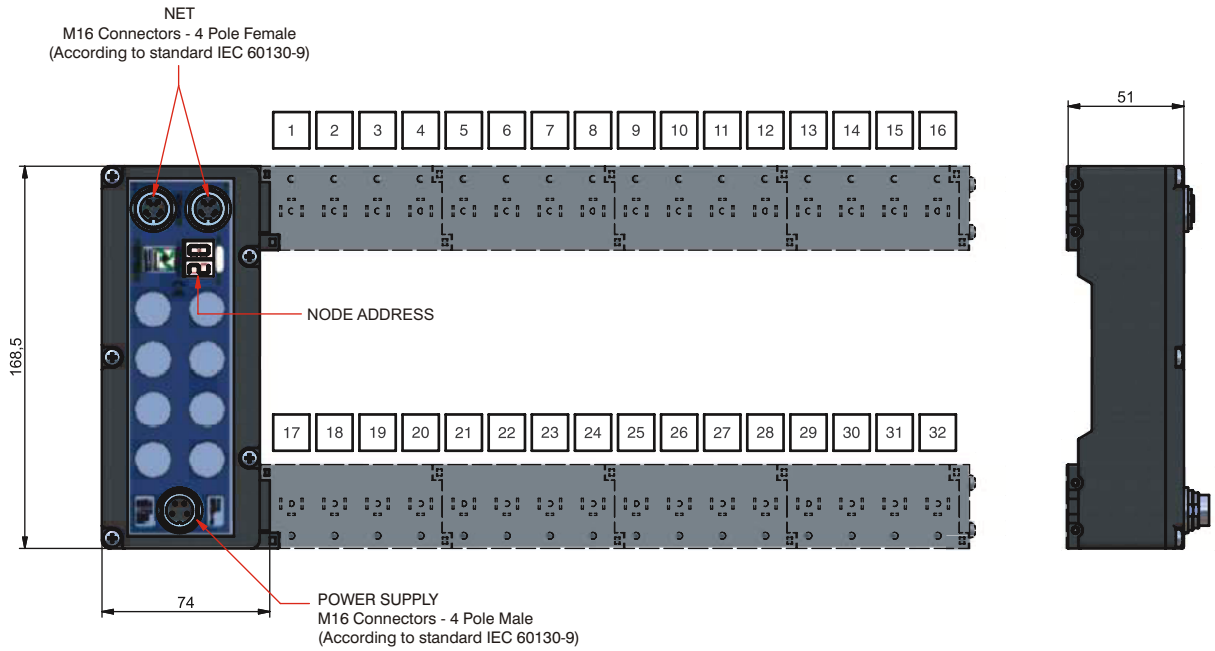
General:

The module is designed to be integrated on the 2400 series solenoid valves manifold by replacing the 37 pole connector normally used for the multipolar connection; it is necessary to use standard PNP output modules.
The module can manage up to 32 solenoid valves (maximum 16 bistable).
The M16 4 poles male power supply connector allows to divide the node power supply from the one of outlets, this allows to switch off the outlets maintaining the supply to the node.
Connection to the Profibus net is made via 2 x M16 4 pole female connectors, the connectors being in parallel.
The node address is set via internal switch by utilizing BCD numeration, the 2 digit display on the cover shows the selected address.
Transmission speed can be set through proper internal switch.

Ordering code

5300.32.00

Scheme / Overall dimensions and I/O layout:



Technical characteristics

	Model	5300.32.00
	Protocol	ProfiBus DP
	External casing	Reinforced technopolymer
Power supply	Power supply connection	M16 connector 4 Pole Male
	Voltage	+24 VDC +/- 10%
	Node consumption (Outlets excluded)	70 mA
	Power supply diagnosis	Green led PW
Outlets	PNP equivalent outlets	+24 VDC
	Maximum outlet current	100 mA
	Maximum outlets n.	32
	Maximum n. outlets that can be actuated simult.	32
	Internal fuse	5 A
Net	Connection to Net	2 M16 connectors 4 Pin female
	Transmission speed	9,6-19,2-93,75-187,5-500-1500-3000-6000-12000 Kbit/s
	Addresses, possible numbers	from 1 to 99
	Maximum n. of node	32/99 with repeater
	Maximum bus length	100 m to 12 Mbit/s - 1200 m to 9,6 Kbit/s
	Bus diagnosis	Green led+ red led
	Configuration File	PNX_int.GSD
	Protection degree	IP65 (node and electrical connectors mounted)
	Ambient temperature	from -0° to +50° C

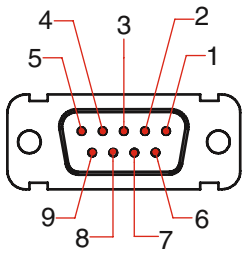
General:

The module is designed to be integrated on the 2400 series solenoid valves manifold by replacing the 37 pole connector normally used for the multipolar connection; it is necessary to use PNP standard outputs modules.
The module can manage up to 32 solenoid valves (16 maximum bistable).
The M16 4 poles male power supply connector allows to divide the node power supply from the one of outlets, this allows to switch off the outlets maintaining the supply to the node.
The node address is set via internal switch by utilizing BCD numeration, the 2 digit display on the cover shows the selected address.

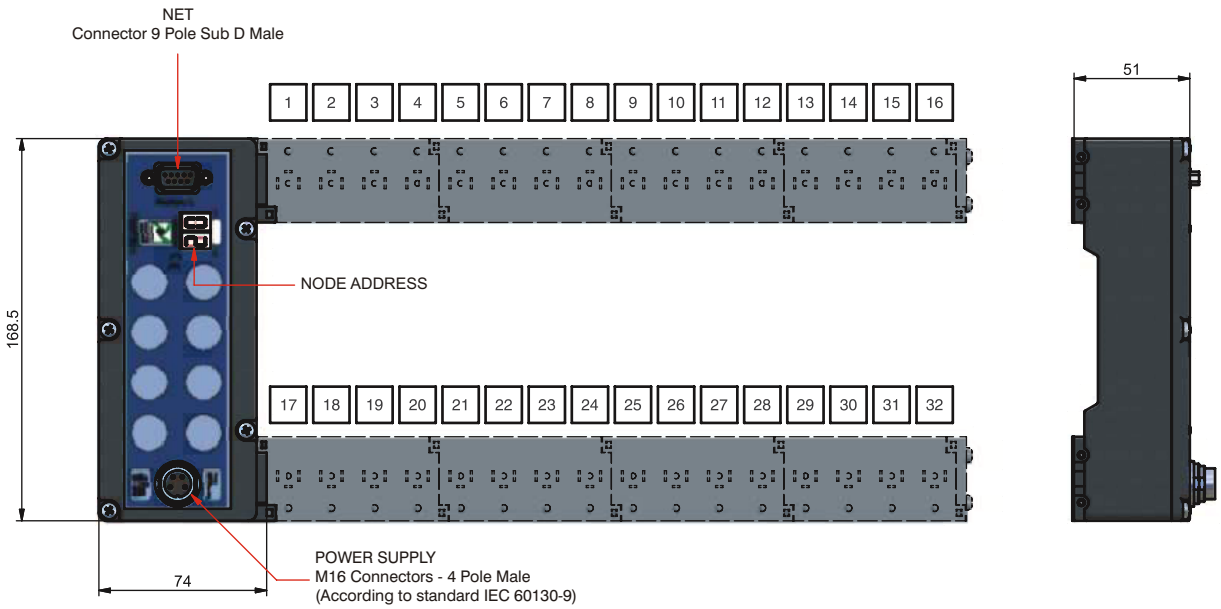
Ordering code

5350.32.00

Scheme / Overall dimensions and I/O layout:



PIN	DESCRIPTIONS
1	
2	
3	A-line
4	
5	Data ground
6	
7	
8	B-line
9	



Technical characteristics

	Model	5350.32.00
	Protocol	ProfiBus DP
	External casing	Reinforced technopolymer
Power supply	Power supply connection	M16 connector 4 Pole Male
	Voltage	+24 VDC +/- 10%
	Node consumption (Outlets excluded)	70 mA
	Power supply diagnosis	Green led PW
Outlets	PNP equivalent outlets	+24 VDC
	Maximum outlet current	100 mA
	Maximum outlets n.	32
	Maximum n. outlets that can be actuated simult.	32
	Internal fuse	5 A
Net	Connection to Net	Connector 9 pole Sub D
	Transmission speed	9,6-19,2-93,75-187,5-500-1500-3000-6000-12000 Kbit/s
	Addresses, possible numbers	from 1 to 99
	Maximum n. of node	32/99 with repeater
	Maximum bus length	100 m to 12 Mbit/s - 1200 m to 9,6 Kbit/s
	Bus diagnosis	Green led+ red led
	Configuration File	PNX_int.GSD
	Protection degree	IP40
	Ambient temperature	from -0° to +50° C

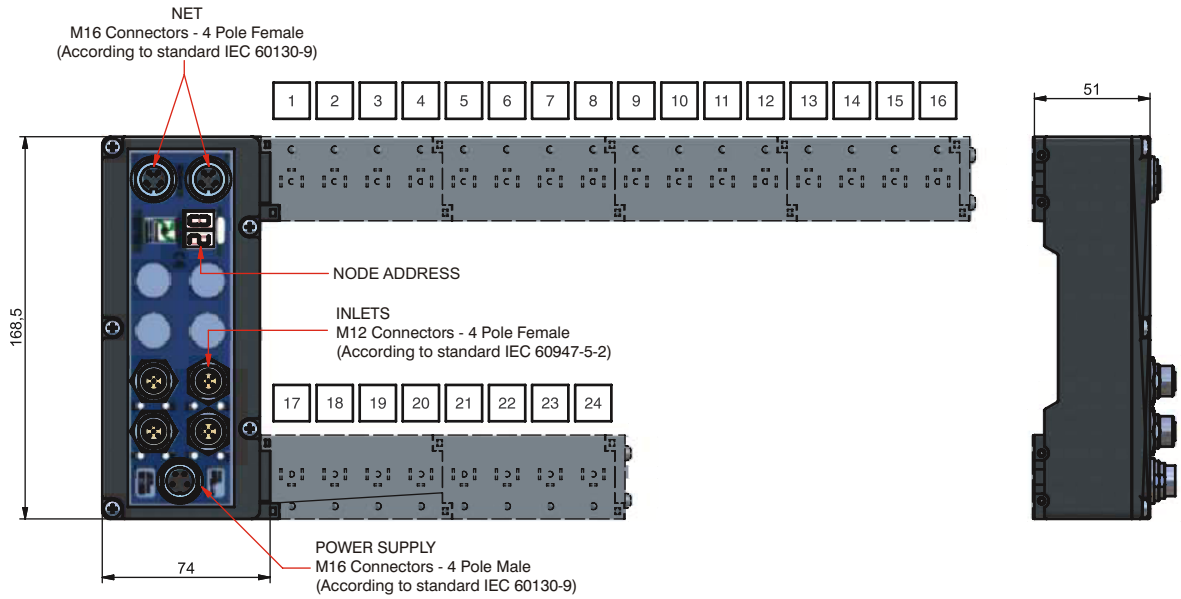
General:

The module is designed to be integrated with 2400 series solenoid valves manifold by replacing the 37 pole connector normally used for the multipolar connection; it is necessary to use PNP standard outlets modules.
Max. n. of outlets/inlets managed by profibus MPU inside Pneumax modules is 32 units; by inserting a 8 inlets card, n. of possible outlets decrease up to 24 (8 bistable sol. valves + 8 monostable solenoid valves).
The M16 4 poles male power supply connector allows to divide the node power supply from the one of outlets, this allows to switch off the outlets maintaining the supply to the node.
Connection to the Profibus net is made via 2 x M16 4 pole female connectors, the connectors being in parallel.
The node address is set via internal switch by utilizing BCD numeration, the 2 digit display on the cover shows the selected address.
The module can host an internal terminating resistance to be inserted by means of switch.
A max. n° of 8 outlets can be connected, by means 4 M12 female connectors on the cover; each connector can host 1 or 2 inlets, 2 wires type (switch, pressure switch, magnetic stop...) or 3 wires type (proximity, photocell, magnetic and elect.stop...).

Ordering code

5300.24.08I

Scheme / Overall dimensions and I/O layout :



Technical characteristics

	Model	5300.24.08I
	Protocol	ProfiBus DP
	External casing	Reinforced technopolymer
Power supply	Power supply connection	M16 connector 4 Pole male
	Voltage	+24 VDC +/- 10%
	Node consumption (Outlets excluded)	95 mA
	Power supply diagnosis	Green Led PW
Outlets	PNP equivalent outlets	+24 VDC
	Maximum outlet current	100 mA
	Maximum outlets n.	24
	Maximum n. outlets that can be actuated simult.	24
	Internal fuse	5 A
Inlets	PNP n. 8 equivalent inlets	+24 VDC +/- 10%
	Maximum Inlet current	10 mA
	Inlets connections	M12 circular connector 5 female pole (IEC 60947-5-2)
Net	Connection to net	2 M16 connector 4 Pin female
	Transmission speed	9,6-19,2-93,75-187,5-500-1500-3000-6000-12000 Kbit/s
	Addresses, possible numbers	from 1 to 99
	Maximum n. of node	32/99 with repeater
	Maximum bus length	100 m to 12 Mbit/s - 1200 m to 9,6 Kbit/s
	Bus diagnosis	Green led+ red led
	Configuration file	PNX_int.GSD
	Protection degree	IP65 (node and connector mounted)
	Ambient temperature	from -0° to +50° C

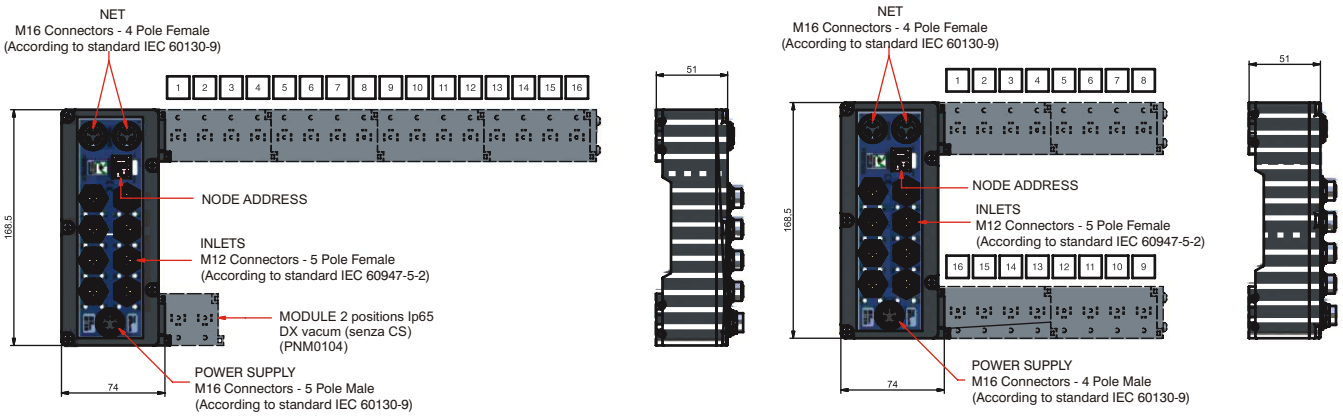
General:

The module is designed to be integrated with 2400 series solenoid valves manifold by replacing the 37 pole connector normally used for the multipolar connection; it is necessary to use multipolar modules for PNP standard outlets.
Max. number of outlets/inlets managed by profibus MPU inside Pneumax modules is 32 units, by inserting 2 cards of 8 inlets n. of possible outlets decrease up to 16.
The 16 outlets on the module left side allow to connect up to 16 monostable solenoid valves; should be bistable solenoid valves in the manifold be connected to node, in this case it is possible to move the 8 outlets from left side to right side, by means of 4 internal switches.
Each single switch can shift 2 outlets, numeration is below indicated.
The M16 4 poles male power supply connector allows to divide the node power supply from the one of outlets, this allows to switch off the outlets maintaining the supply to the node.
Connection to the Profibus net is made via 2 x M16 4 pole female connectors, the connectors being in parallel.
The node address is set via internal switch by utilizing BCD numeration, the 2 digit display on the cover shows the selected address.
The module can host an internal terminating resistance to be inserted by means of switch.
A max. n° of 16 outlets can be connected by means 8 connector M12 female on the cover; each connectors can host 1 or 2 inlets, 2 wires type (switch, pressure switch, magnetic stop...) or 3 wires type (proximity, photocell, magnetic and elect. stop...)

Ordering code

5300.16.16I

Scheme / Overall dimensions and I/O layout :



Technical characteristics

	Model	5300.16.16I
	Protocol	ProfiBus DP
	External casing	Reinforced technopolymer
Power supply	Power supply connection	M16 connector 4 Pole male
	Voltage	+24 VDC +/- 10%
	Node consumption (Outlets excluded)	103 mA
	Power supply diagnosis	Green Led PW
Outlets	PNP equivalent outlets	+24 VDC
	Maximum outlet current	100 mA
	Maximum outlets n.	16
	Maximum n. outlets that can be actuated simult.	16
	Internal fuse	5 A
Inlets	PNP n. 16 equivalent inlets	+24 VDC +/- 10%
	Maximum Inlet current	10m A
	Inlets connections	2 M16 connectors 4 Pin Female
Net	Connection to net	M16 2 connectors 4 Pin Female
	Transmission speed	9,6-19,2-93,75-187,5-500-1500-3000-6000-12000 Kbit/s
	Addresses, possible numbers	from 1 to 99
	Maximum n. of node	32/99 with repeater
	Maximum bus length	100 m to 12 Mbit/s - 1200 m to 9,6 Kbit/s
	Diagnosis bus	Green Led + red led
	Configuration file	PNX_int.GSD
	Protection degree	IP65 (node and connector mounted)
	Ambient temperature	from -0° to +50° C

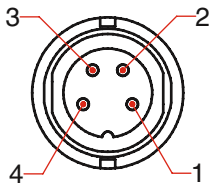
Straight outlet, PG9

Ordering code

5300.F04.00.00

FOR TYPE:
5300.32.00 - 5350.32.00 - 5300.24.08I - 5300.16.16I

Upper view Slave connector



PIN	DESCRIPTION
1	0 V
2	SHIELD
3	+ 24 Node
4	+ 24 connections

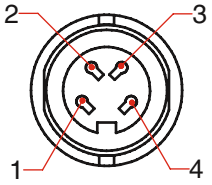
Straight outlet for Profibus modules

Ordering code

5300.M04.00.00

FOR TYPE:
5300.32.00 - 5300.24.08I - 5300.16.16I

Upper view Slave connector



PIN	DESCRIPTION
1	SHIELD
2	B-line
3	Data ground
4	A-line

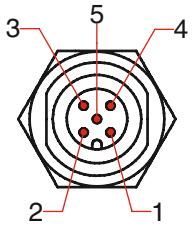
Angular pin M12 5 poles (IEC 60947-5-2)

Ordering code

5300.M12.00.00

FOR TYPE:
5300.24.08I - 5300.16.16I

Upper view Slave connector



PIN	DESCRIPTION
1	+ 24 V
2	SIGNAL B
3	- 0 V
4	SIGNAL A
5	SHIELD

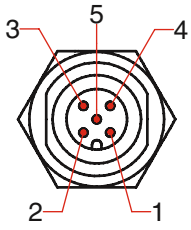
M12 straight pin 5 poles (IEC 60947-5-2)

Ordering code

5312.A.M05.00

FOR TYPE:
5300.24.08I - 5300.16.16I

Upper view Slave connector



PIN	DESCRIPTION
1	+ 24 V
2	SIGNAL B
3	- 0 V
4	SIGNAL A
5	SHIELD

M16 Plug

Ordering code

5300.T16

FOR TYPE:
5300.32.00 - 5300.24.08I - 5300.16.16I

M12 Plug

Ordering code

5300.T12

FOR TYPE:
5300.24.08I - 5300.16.16I

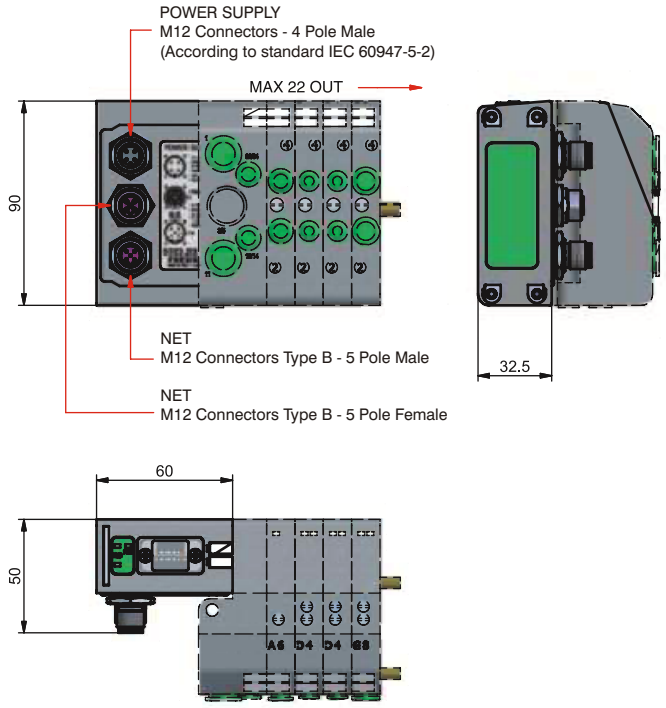
General:

Profibus module is directy integrated on Enova solenoid valves by means of a 25 pole connector, normally used for multipolar cable connection; Enova solenoid valves to be connected to node must be PNP equivalent (final 02 in ordering code).
The node can be easily installed also on solenoid valves manifold already mounted on equipment.
Module can manage up to 22 solenoid valves, in the same way a max n° of 2 modules can be connected directly to each 5200.08 inlet.
Profibus module recognizes automatically inlet cards.
If connected inlet modules are 2,n° of solenoid valves that can be actioned decreases from 22 to 16. node power supply is available with circular connector M12, 4 male poles.
Division between node 24V and outlets 24V allow to switch off the outlets maintaning supply in the node and powered inlets, if any.
Connection to net Profibus Dp is possible via 2 circular male-female 5 poles, M12, B type:
the 2 connectors are parallel, connectors pin is according to Profibus Interc. Tech. ,node adress can be set by switch using BCD numeration; 4 bites for tens, 4 bites for unit.
Module can host an internal terminating resistance to be inserted by means of switch.

Ordering code

5323.22

Scheme / Overall dimensions and I/O layout :



Technical characteristics

	Model	5323.22
	Protocol	ProfiBus DP
	External casing	Reinforced technopolymer
Power supply	Power supply connection	M12 connector 4 Pole Male
	Voltage	+24 VDC +/- 10%
	Node consumption (Outlets excluded)	50 mA
	Power supply diagnosis	Green led PW
Outlets	PNP equivalent outlets	+24 VDC
	Maximum outlet current	100 mA
	Maximum outlets n.	22 or 16 with 2 inlets module
	Maximum n. outlets that can be actuated simult.	22
Net	Connection to net	2 M12 connectors 5 Pole male-female Type B
	Transmission speed	9,6 - 19,2 - 93,75 - 187,5 - 500 -1500 – 3000 - 6000 - 12000 Kbit/s
	Addresses, possible numbers	from 1 to 99
	Maximum n. of node	32/99 with repeater
	Maximum bus length	100 m to 12 Mbit/s - 1200 m to 9,6 Kbit/s
	Bus diagnosis	Green led+ red led
	Configuration File	PNEPB100.GSD
	Protection degree	IP65 (node and connector mounted)
	Ambient temperature	from -0° to +50° C

General:

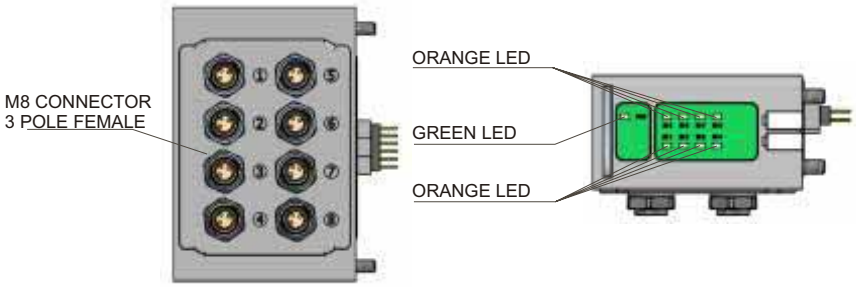
Modules have 8 connectors, M8 3 female pole.

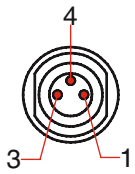
Inlets are PNP 24V ± 10% equivalents, DC.
Each connector can host either 2 wires inlets (switch, pressure switch, magnetic stop...) or 3 wires inlets (proximity, photocell, magnetic and elect. stop...).
Max power supply for all 8 inlets is 200 mA.
Each single module has 200 mA internal fuse, that can be replaced.
In case of short-circuit or overload (total power supply > 200 mA) protection system is stopping the 24V on each M8 connector and power green led is switched off.
Other inlets cards on the node are going on working properly.
By erasing the problem, green led is restored in position "ON" and module is working back normally.
Max n. of inlet module is 3 each Slave Can-open (5523.22) 2 for Profibus Slave (5323.22).

Ordering code

5200.08

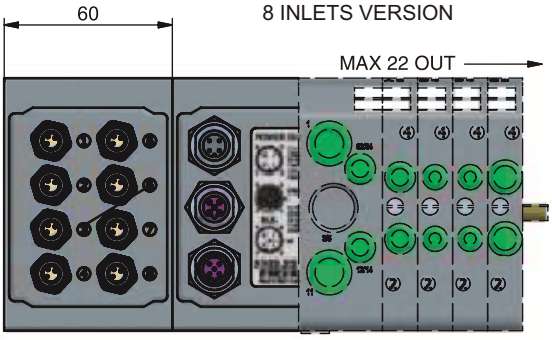
Scheme / Overall dimensions and I/O layout :



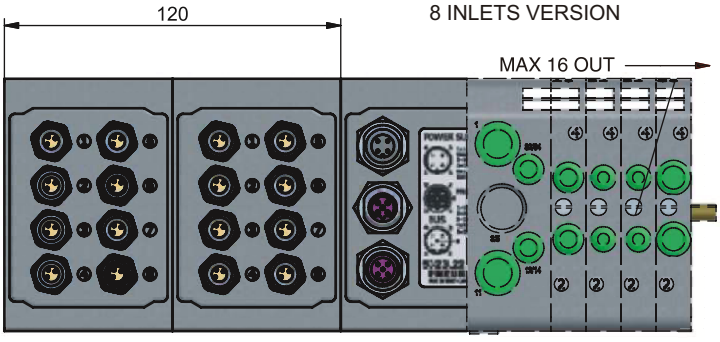


PIN	DESCRIPTIONS
1	+24 V
4	Signal A
3	- 0 V

1 MODULE
8 INLETS VERSION



2 MODULE
8 INLETS VERSION



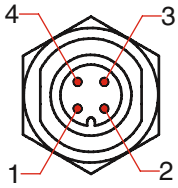
Inlet plug
STRAIGHT CONNECT.
M12A, 4P FEMALE

Ordering code

5312A.F04.00

FOR TYPE:
5323.22

Upper view
Slave connector



PIN	DESCRIPTION
1	+24 Node
2	
3	0 V
4	+ 24 Outlets

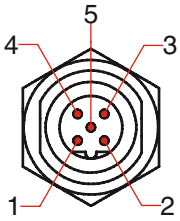
Plug for Bus Profibus
STRAIGHT CONNECT.
M12B 5P FEMALE

Ordering code

5312B.F05.00

FOR TYPE:
5323.22

Upper view
Slave connector



PIN	DESCRIPTION
1	Power supplyplus, (P5v)
2	A-line
3	Data ground
4	B-line
5	Shield

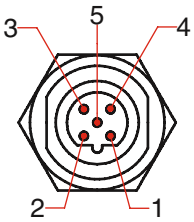
Plug for Bus Profibus
STRAIGHT CONNECT.
M12B 5P MALE

Ordering code

5312B.M05.00

FOR TYPE:
5323.22

Upper view
Slave connector



PIN	DESCRIPTION
1	Power supplyplus, (P5v)
2	A-line
3	Data ground
4	B-line
5	Shield

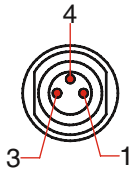
Straight plug
for inlet module
3 poles male

Ordering code

5308A.M03.00

FOR TYPE:
5200.08

Upper view
Slave connector



PIN	DESCRIPTION
1	+24 V
4	Signal A
3	- 0 V

M12 Plug

Ordering code

5300.T12

FOR TYPE:
5323.22

M8 Plug

Ordering code

5300.T08

FOR TYPE:
5200.08

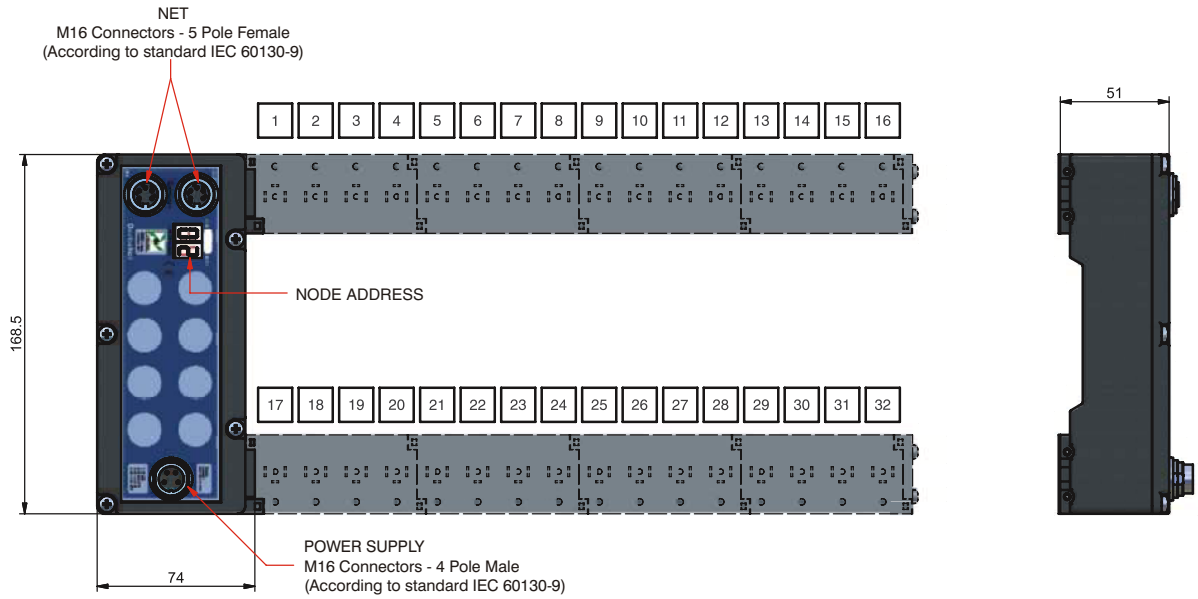
General:

The module is being integrated with 2400 series solenoid valves manifold by replacing the 37 pole connector normally used for the multipolar connection; it is necessary to use multipolar modules for PNP, can manage up to 32 solenoid valves (16 solenoid valve bistable).
The M16 4 poles male power supply connector allows to divide the node power supply from the one of outlets, this allows to switch off the outlets maintaining the supply to the node.
Connection to the DeviceNet is made via 2 x M16 5 pole female connectors, the connectors being in parallel.
The node address is set via internal switch by utilizing BCD numeration, the 2 digit display on the cover shows the selected address.
Transmission speed can be set through proper internal switch.
The module can host an internal resistance to be inserted by means of switch.

Ordering code

5400.32.00

Scheme / Overall dimensions and I/O layout :



Technical characteristics

	Model	5400.32.00
	Protocol	DeviceNet
	External casing	Reinforced technopolymer
Power supply	Power supply connection	M16 connector 4 Pole male
	Voltage	+24 VDC +/- 10%
	Node consumption (Outlets excluded)	90 mA
	Power supply diagnosis	Green Led PW
Outlets	PNP equivalent outlets	+24 VDC
	Maximum outlet current	100 mA
	Maximum outlets n.	32
	Maximum n. outlets that can be actuated simult.	32
	Internal fuse	5 A
Net	Connection to net	2 M16 connectors 5 Pin female
	Transmission speed	125 - 250 - 500 Kbit/s
	Addresses, possible numbers	from 1 to 64
	Maximum n. of node	64
	Maximum bus length	100 m a 500 Kbit/s
	Bus diagnosis	Green led + Red led
	Configuration file	Pnx_DNb.eds
	Protection degree	IP65 (node and connector mounted)
	Ambient temperature	from -0° to +50° C

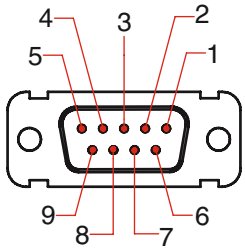
General:

The module is being integrated with 2400 series solenoid valves manifold by replacing the 37 pole connector normally used for the multipolar connection; it is necessary to use multipolar modules for PNP standard outlets, can handle up to 32 solenoid valves (16 solenoid valve bistable).The M16 4 poles male power supply connector allows to divide the node power supply from the one of outlets, this allows to switch off the outlets maintaining the supply to the node.
Connection to net DeviceNet is possible via 9 poli Sub D connector.
The node address can be set by internal switch by utilizing BCD numeration, the 2 digit display on the cover shows the selected address.
Transmission speed can be set through proper internal switch.

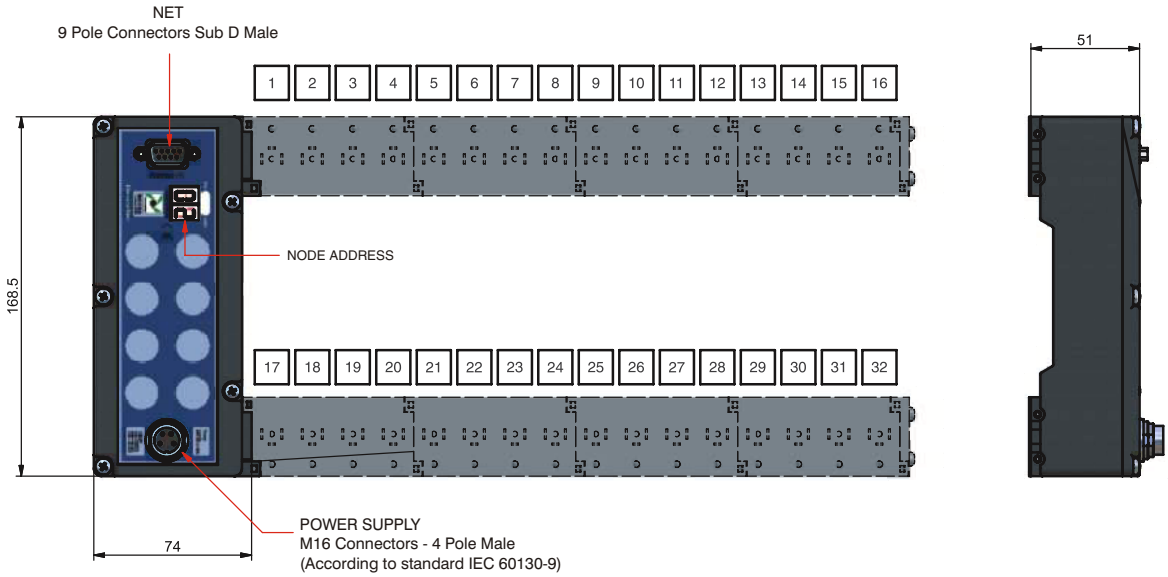
Ordering code

5450.32.00

Scheme / Overall dimensions and I/O layout :



PIN	DESCRIPTIONS
1	
2	CAN_L
3	CAN_GND
4	
5	
6	CAN_GND
7	CAN_H
8	
9	(CAN_V+)



Technical characteristics

	Model	5450.32.00
	Protocol	DeviceNet
	External casing	Reinforced technopolymer
Power supply	Power supply connection	M16 connector 4 Pole male
	Voltage	+24 VDC +/- 10%
	Node consumption (Outlets excluded)	90 mA
	Power supply diagnosis	Green Led PW
Outlets	PNP equivalent outlets	+24 VDC
	Maximum outlet current	100 mA
	Maximum outlets n.	32
	Maximum n. outlets that can be actuated simult.	32
	Internal fuse	5 A
Net	Connection to net	9 poles connectors Sub D female
	Transmission speed	125 - 250 - 500 Kbit/s
	Addresses, possible numbers	from 1 to 64
	Maximum n. of node	64
	Maximum bus length	100 m a 500 Kbit/s
	Bus diagnosis	Green led + red led
	Configuration file	Pnx_DNb.eds
	Protection degree	IP40
	Ambient temperature	from -0° to +50° C

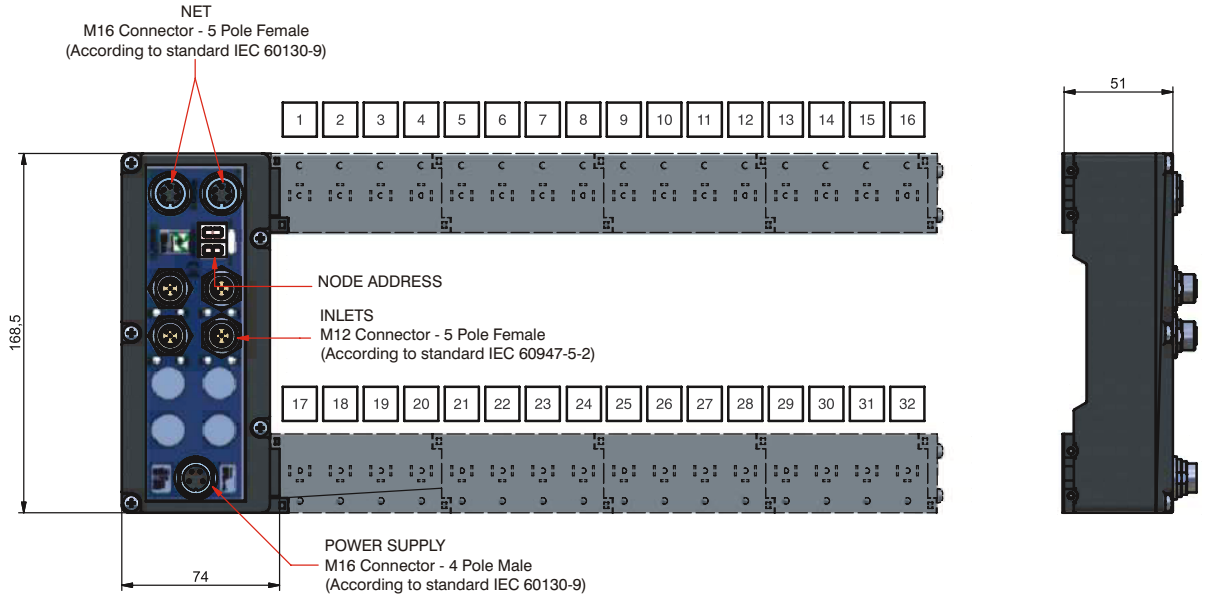
General:

The module is being integrated with 2400 series solenoid valves manifold by replacing the 37 pole connector normally used for the multipolar connection; it is necessary to use multipolar modules for PNP standard outlets, can handle up to 32 solenoid valves (16 solenoid valve bistable). The M16 4 poles male power supply connector allows to divide the node power supply from the one of outlets, this allows to switch off the outlets maintaining the supply to the node.
Connection to the DeviceNet is made via 2 x M16 5 pole female connectors, the connectors being in parallel.
The node address can be set by internal switch by utilizing BCD numeration, the 2 digit display on the cover shows the selected address.
Transmission speed can be set through proper internal switch.
The module can host an internal terminating resistance to be inserted by means of switch.
A max n. of 8 outlets can be connected, by 4 connectors M12 female on the cover; each connector can host 1 or 2 inlets, 2 wires type (switch, pressure switch, magnetic stop...) or 3 wires type (proximity, photocell, magnetic and elect.stop...)

Ordering code

5400.32.08I

Scheme / Overall dimensions and I/O layout :



Technical characteristics

	Model	5400.32.08I
	Protocol	DeviceNet
	External casing	Reinforced technopolymer
Power supply	Power supply connection	M16 connector 4 Pole Male
	Voltage	+24 VDC +/- 10%
	Node consumption (Outlets excluded)	117 mA
	Power supply diagnosis	Green led PW
Outlets	PNP equivalent outlets	+24 VDC
	Maximum outlet current	100 mA
	Maximum outlets n.	32
	Maximum n. outlets that can be actuated simult.	32
	Internal fuse	5 A
Inlets	PNP 8 equivalent inlets	+24 VDC +/- 10%
	Maximum Inlet current	10 mA
	Inlet connections	N. 4 Circular connect. M12 5 pole female(IEC 60947-5-2)
Net	Connection to Net	2 M16 connectors 4 Pin female
	Transmission speed	125 – 250 - 500 Kbit/s
	Addresses, possible numbers	from 1 to 64
	Maximum n. of node	64
	Maximum bus length	100 m to 500 Kbit/s
	Bus diagnosis	Green led + red led
	Configuration file	Pnx_DNb.eds
	Protection degree	IP65 (node and connector mounted)
	Ambient temperature	from -0° to +50° C

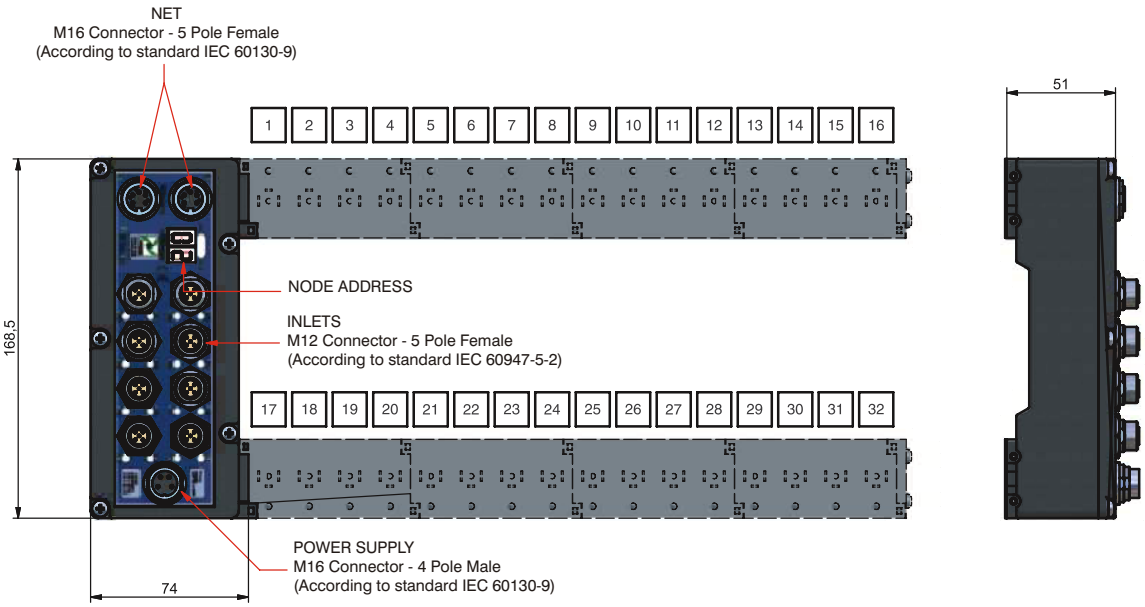
General:

The module is being integrated with 2400 series solenoid valves manifold by replacing the 37 pole connector normally used for the multipolar connection; it is necessary to use multipolar modules for PNP standard outlets.
The module can handle up to 32 solenoid valves (16 solenoid valve bistable).
The M16 4 poles male power supply connector allows to divide the node power supply from the one of outlets, this allows to switch off the outlets maintaining the supply to the node.
Connection to the DeviceNet is made via 2 x M16 5 pole female connectors, the connectors being in parallel.
The node address can be set by internal switch by utilizing BCD numeration, the 2 digit display on the cover shows the selected address.
Transmission speed can be set through proper internal switch.
The module can host an internal terminating resistance to be inserted by means of switch.
A max n. of 16 outlets can be connected, by means 4 connectors M12 female on the cover; each connector can host 1 or 2 inlets, 2 wires type (switch, pressure switch, magnetic stop...) or 3 wires type (proximity, photocell, magnetic and elect.stop...).

Ordering code

5400.32.16I

Scheme / Overall dimensions and I/O layout :



Technical characteristics

	Model	5400.32.16I
	Protocol	DeviceNet
	External casing	Reinforced technopolymer
Power supply	Power supply connection	M16 connector 4 Pole male
	Voltage	+24 VDC +/- 10%
	Node consumption (Outlets excluded)	125 mA
	Power supply diagnosis	Green Led PW
Outlets	PNP equivalent outlets	+24 VDC
	Maximum outlet current	100 mA
	Maximum outlets n.	32
	Maximum n. outlets that can be actuated simult.	32
	Internal fuse	5 A
Inlets	PNP 8 equivalent inlets	+24 VDC +/- 10%
	Maximum Inlet current	10 mA
	Inlets connections	N. 8 Circolar connect. M12 5 pole female (IEC 60947-5-2)
Net	Connection to net	M16 2 connectors 5 Pin female
	Transmission speed	125 – 250 - 500 Kbit/s
	Addresses, possible numbers	from 1 to 64
	Maximum n. of node	64
	Maximum bus length	100 m to 500 Kbit/s
	Bus diagnosis	Green led + red led
	Configuration file	Pnx_DNb.eds
	Protection degree	IP65 (node and connector mounted)
	Ambient temperature	from -0° to +50° C

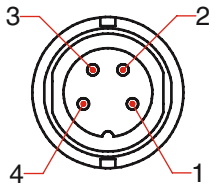
Straight outlet
PG9

Ordering code

5300.F04.00.00

FOR TYPE:
5400.32.00 - 5450.32.00 - 5400.32.08I - 5400.32.16I

Upper view
Slave connector



PIN	DESCRIPTION
1	0 V
2	SHIELD
3	+ 24 node
4	+ 24 connections

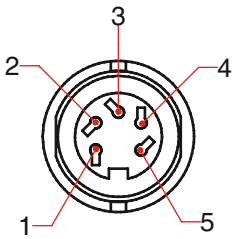
Straight outlet
for Profibus bus

Ordering code

5300.M05.00.00

FOR TYPE:
5400.32.00 - 5400.32.08I - 5400.32.16I

Upper view
Slave connector



PIN	DESCRIPTION
1	(CAN_SHIELD)
2	(CAN_V+)
3	CAN_GND
4	CAN_H
5	CAN L

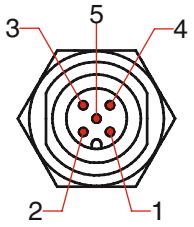
Angular pin M12
5 poles
(IEC 60947-5-2)

Ordering code

5300.M12.00.00

FOR TYPE:
5400.32.08I - 5400.32.16I

Upper view
Slave connector



PIN	DESCRIPTION
1	+ 24 V
2	SIGNAL B
3	- 0 V
4	SIGNAL A
5	SHIELD

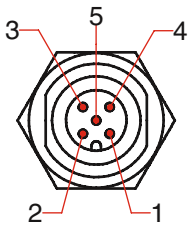
M12 straight pin
5 poles
(IEC 60947-5-2)

Ordering code

5312.A.M05.00

FOR TYPE:
5400.32.08I - 5400.32.16I

Upper view
Slave connector



PIN	DESCRIPTION
1	+ 24 V
2	SIGNAL B
3	- 0 V
4	SIGNAL A
5	SHIELD

M16 Plug

Ordering code

5300.T16

FOR TYPE:
5400.32.00 - 5400.32.08I - 5400.32.16I

M12 Plug

Ordering code

5300.T12

FOR TYPE:
5400.32.08I - 5400.32.16I

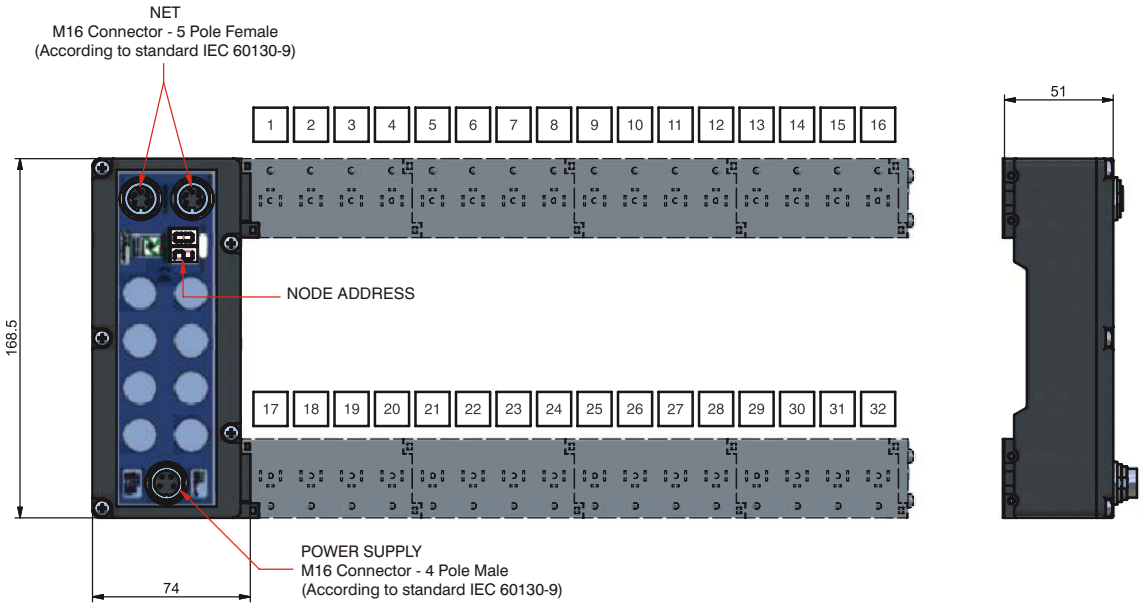
General:

The module is being integrated with 2400 series solenoid valves manifold by replacing the 37 pole connector normally used for the multipolar connection; it is necessary to use multipolar modules for PNP standard outlets.
The module can handle up to 32 solenoid valves (16 solenoid valve bistable).
The M16 4 poles male power supply connector allows to divide the node power supply from the one of outlets, this allows to switch off the outlets maintaining the supply to the node.
Connection to net CanOpen is possible via 2 connectors M16 5 poles female, being the connectors in parallel.
The node address can be set by internal switch by utilizing BCD numeration, the 2 digit display on the cover shows the selected address.
Transmission speed can be set through proper internal switch.
The module can host an internal terminating resistance to be inserted by means of switch.

Ordering code

5500.32.00

Scheme / Overall dimensions and I/O layout :



Technical characteristics

	Model	5500.32.00
	Protocol	CanOpen
	Spec	Draft Standard 301 V 4.02 – Feb. 2002
	External casing	Reinforced technopolymer
Power supply	Power supply connection	M16 connector 4 Pole Male
	Voltage	+24 VDC +/- 10%
	Node consumption (Outlets excluded)	90 mA
	Power supply diagnosis	Green led PW
Outlets	PNP equivalent outlet	+24 VDC
	Maximum outlet current	100 mA
	Maximum outlets n.	32
	Maximum n. outlets that can be actuated simult.	32
	Internal fuse	5 A
Net	Connection to net	M16 2 connectors 5 Pin female
	Transmission speed	10 – 25 - 50 – 125 – 250 – 500 – 800 -1000 Kbit/s
	Addresses, possible numbers	from 1 to 99
	Maximum n. of node	128
	Maximum bus length	100 m to 1000 Kbit/s
	Bus diagnosis	Green led + red led
	Configuration file	Pnx_co.eds
	Protection degree	IP65 (node and connector mounted)
	Ambient temperature	from -0° to +50° C