



The products are designed and manufactured in conformity with the following directives: 2014/30/EU  
They also comply partially or totally with regard to the applicable parts of the following standards:  
- EN 61131-2-2007-09; ISO 4414:2010. Fixed equipment.

## Configuration files

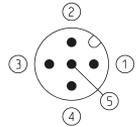
CODE	FIELD BUS	FACTORY VALUE (ADDRESS; BAUD RATE)
CX02-0-0	DEVICENET	63; 500K
CX03-0-0	CANOPEN	127; 1M

The configuration files for all FieldBus (EDS) are available for download on site [www.camozzi.com](http://www.camozzi.com).  
In case of problem, contact Camozzi service.

## Pin assignment

### M12A 5 POLES POWER SUPPLY CONNECTOR

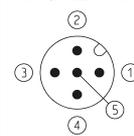
Pin	Signal	Description
1	<b>L24VC</b>	24V DC +/-10% power supply for logic and input (Digital) (max 2A limited by fuse)
2	<b>P24VC</b>	24V DC +/-10% power supply for output (Power) (max 5A limited by fuse)
3	<b>GND</b>	Common (reference pin 1 and 2): connect to the negative pole of the 24V DC power supply (compulsory)
4	<b>EARTH</b>	Earth connection
5	<b>N.C.</b>	Not connected



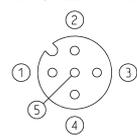
### M12A 5 POLES BUS CONNECTOR

Pin	Signal	Description
1	<b>EARTH</b>	Earth connection
2	<b>V+</b>	Bus positive power (24 V) Mandatory for DeviceNet
3	<b>V- / GND</b>	Pin 2 reference (0V) Mandatory for DeviceNet
4	<b>CAN_H</b>	Bus-line CAN-H
5	<b>CAN_L</b>	Bus-line CAN-L

IN (M12A male)



OUT (M12A female)



## LED

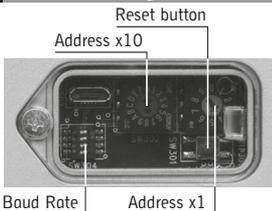


LED	LED LABEL	MEANING (for more details, refer to the specific bus manual)
	CX02	CX03
1	-	-
2	PWR	PWR
3	MNS	IO
4	-	MNS

## BAUD RATE SELECTION

		1M	800K	500K	250K	125K	100K	50K	20K	10K
CX03-0-0	DIP 1	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
	DIP 2	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF
	DIP 3	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF
	DIP 4	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
CX02-0-0	DIP 1			OFF	ON	OFF				
	DIP 2			OFF	OFF	ON				
	DIP 3			OFF	OFF	OFF				
	DIP 4			OFF	OFF	OFF				

## Autoaddressing



- Step 1:** Turn-off the module; check if all modules of SPI-EtherNet subnet are properly connected and powered and if the subnet terminator are connected; press the Rest button.
- Step 2:** Hold on the Reset button, power on the module.  
Wait some seconds and release the Reset button.
- Step 3:** In order to activate the auto addressing routine, press the Reset button.  
The yellow leds on the modules start to blink quickly and become fixed on when the routine finished. The addressing will be sequential in order as the subnet are connected.

**NOTE:** It is advisable to perform the autoaddressing using the specific function of Configurator program. Please refer to the relative manual for more details.