

CAN FieldBus interface



Automation

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Use and maintenance instructions

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	FIELDBUS	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**. In case of problem, contact Camozzi service.

Pin assignement

M12A 5 POLES POWER SUPPLY CONNECTOR								
		Description						
1	1041/0	241/ DO + / 100/						

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

M12A 5 POLES BUS CONNECTOR

Pin	Signal	Description	IN (M12A male)	OUT (M12A female)
1	EARTH	Earth connection	2	2
2	V+	Bus positive power (24 V) Mandatory for DeviceNet		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
3	V- / GND	Pin 2 reference (OV) Mandatory for DeviceNet		
4	CAN_H	Bus-line CAN-H	(4) (5)	(5)
5	CAN_L	Bus-line CAN-L		(4)

LED

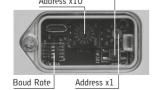
Led 1 Led 4	LED	LED LABEL		MEANING (for more details, refer to the specific bus manual)			
		CX02	CX03				
	1	-	-	Not used			
	2	PWR	PWR	Indicate the condition of power supply Digital and Power			
	3	MNS	10	Indicate possible errors on the FieldBus communication			
	4	-	MNS	or errors on the module			

BAUD RATE SELECTION

		1M	800K	500K	250K	125K	100K	50K	20K	10K
	DIP 1	OFF	ON	OFF	ON	OFF	ON	OFF	ON	OFF
CX03-0-0	DIP 2	OFF	OFF	ON	ON	OFF	OFF	ON	ON	OFF
CA03-0-0	DIP 3	OFF	OFF	OFF	OFF	ON	ON	ON	ON	OFF
	DIP 4	OFF	OFF	OFF	OFF	OFF	OFF	OFF	OFF	ON
	DIP 1			OFF	ON	OFF				· · · · · · · · · · · · · · · · · · ·
CX02-0-0	DIP 2			OFF	OFF	ON				
0.02-0-0	DIP 3			OFF	OFF	OFF				í
	DIP 4			OFF	OFF	OFF				

Autoaddressing

Reset button Address x10



Camozzi Automation spa

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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 became 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.

Technical assistance Product inquiries and requests for support Tel. +39 030 3792790 service@camazzi.com

Product Certification

Information concerning product certifications, EC standards, conformity declarations and instructions productcertification@camozzi.com