CAMOZZI
Automation

PROFIBUS FieldBus interface
Use and maintenance instructions

Made in Italy

CE 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)
CX01-0-0	PROFIBUS	4

The configuration files for FieldBus (GSD) are available for download on site **www.camozzi.com**. In case of problem, contact Camozzi service.

Pin assignement

POWER SUPPLY CONNECTOR
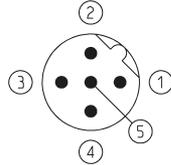
| Pin	Signal	Description
1	L24VC	24V DC +/-10% power supply for logic and input (Digital) (max 2A limited by fuse)
2	P24VC	24V DC +/-10% power supply for output (Power) (max 5A limited by fuse)
3	GND	Common (reference pin 1 and 2): connect to the negative pole of the 24V DC power supply (compulsory)
4	EARTH	Earth connection
5	N.C.	Not connected
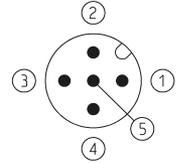
BUS IN CONNECTOR (M12B MALE 5 POLES)

Pin	Signal	Description
1	NC	Not Connected
2	A	ProfiBus Line A
3	NC	Not Connected
4	B	ProfiBus Line B
5	EARTH	Earth connection

BUS OUT CONNECTOR (M12B FEMALE 5 POLES)

Pin	Signal	Description
1	+5V	5V voltage
2	A	ProfiBus Line A
3	GND5V	5V common
4	B	ProfiBus Line B
5	EARTH	Earth connection

LED

Led 1 Led 4
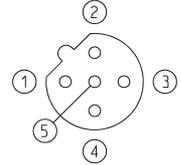
LED	LED LABEL	MEANING AND DEFAULT VALUE (for more details, refer to the specific bus manual)
1	-	Not used
2	PWR	Indicate the condition of power supply Digital and Power (fixed green)
3	COM	Indicate if some data traffic is present and possible errors on the module (fixed green)
4	-	Not used

Autoaddressing

Reset button
Address x10
Address x1
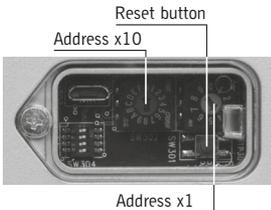
Step 1: Turn-off the module; check if all modules of SPI-EtherNet subnet are properly connected and powered and if the subnet terminator are connected; press the Rest button.
Step 2: Hold on the Reset button, power on the module. Wait some seconds and release the Reset button.
Step 3: In order to activate 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.