

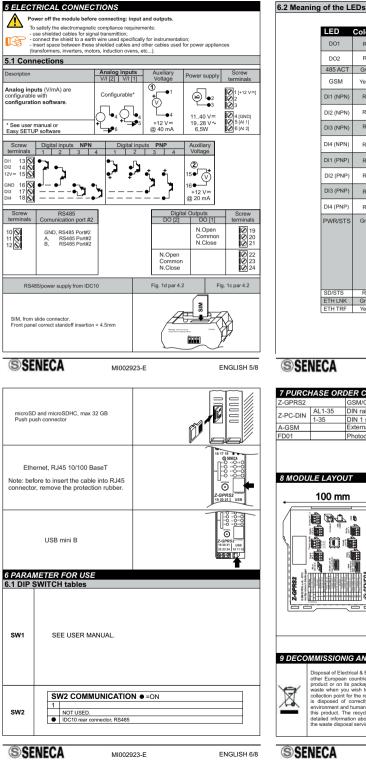
solution	16 bit	(tra	
4 Communication ports		5.1 Conn	
485	port#1, rear port#2, M1012	Description	
ernet	10/100 baseT, RJ45 on front with autoswitch	boourplion	
B mini B	Mini B, side	Analog inpu	
5 Storage memory unit ro SD	microSD and microSDHC, MAX 32 GB	configurable configuratio	
6 Power supply	Thicloop and Thicloop no, MAX 32 Ob	-	
tage	11 – 40 V≕; 19 – 28 V∿	* See user n	
nsumption 7 Environmental condition with	6,5 W	* See user n Easy SETUR	
nperature	From -10 to + 50°C // (From -10 to + 40°C)	Screw	
midity	30 – 90% to 40°C not condensing	terminals	
rage Temperature tection degree	From-20 to + 85°C // (From -20 to + 45°C < 6month) IP20	DI1 13 🚫	
3 Standards	1120	DI2 14 12V= 15	
61000-6-4/2002-10	Electromagnetic emission, industrial environment.	GND 16	
61000-6-2/2006-10 301 511	Electromagnetic immunity, industrial environment. Harmonized standard for mobile stations in the	DI3 17 🛇	
301 489-1	GSM 900 and 1800 bands.	DI4 18	
301 469-1	ElectroMagnetic Compatily standard for radio equipment and services.	Screw	
301 489-7	Specific (EMC) conditions for mobile radio equipment (GSM 900 and 1800).	terminals	
60950	Safety of information Technology Equipment.	10	
Box specification		11 O 12 O	
nension and weight terial	100 x 111 x 35 mm, 280g PBT, black		
10 1500 V ∿ insulation	T D1, black		
in loss i mouldain			
		RS48	
	Digital Inputs		
Power Supply	Analog Inputs		
r ower ouppry		SIM, from s	
	Digital Outputs	Front panel	
	Comunication Ports		
SENECA MIOC	2923-E ENGLISH 3/8	SSE	
	500 //05		
PRELIMINARY INSTRUCTIONS ne module is designed to be installed on DIN			
It is forbidden to place anything that co			
It is forbidden to install the module near	r heat sources.	microSD Push pus	
«Severe operating conditions» are defined	as follows:		
-high power supply voltage: exceed 30V= -the module power the input sensor.	or exceed 26V~;		
-the module power the input sensor.			
If the modules are installed side by side, S	eparate them by at least 5 mm in the following cases:		
<ul> <li>The operating temperature exceed 45°C</li> <li>The operating temperature exceed 35°C</li> </ul>	eparate them by at least 5 mm in the following cases: and at least one of the severe operating conditions exist; and at least two of the severe operating conditions exist.	Ethe	
		Note: befo	
1 Installation and removal on D	IN 46277 rail	connector	
INSTALLATI	ON:		
	nur latches (placed in the back side panel) outwards; module in a DIN rail free slot;		
3) Make sur	e that the IDC10 connector's pins are properly		
inserted on t 4) Press the	he slot; four latches inwards.		
		6 PARAN	
00 32 21 (00) 00 32 21 (00) 00 41 33		6.1 DIP S	
REMOVAL:			
) Pull the four latches (placed in the backsio utwards, by using a screwdriver.	de panel)		
Pull out the module from rail gently.	(2.0003) (2003) (2004)		
2 Use Z-PC-DINAL accessory	because IDC10 connector is peloyized. This connection is	SW1	
cilitied by use of a female/male insertion between	because IDC10-connector is polarized; This connection is IDC10 connector and DIN rail slot (Fig. 1 c e Fig.1 d).		
P.E. Power supply	Power Supply		
wer supply			
	Power		
GND	Supply AC+	SW2	
CANL/B		3002	
GNDSHLD Fig. 1c	/ Fig. 1d		
-PC-DIN FIG. 1C	IDC10		
		SSE	
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mA / V≕, configurable

YES, 40V / 25mA

0 - 30 V accuracy 0,1% of full scale

0 - 20 mA accuracy 0.1% of full scale



## LED Color State Meaning ital output, relay excited DO1 Red OFF Digital output, relay not excited Digital output, relay excited DO2 Red igital output, relay not excited 485 AC Green RS485 Activity Linked on network GSM/GPRS Blink (slow) GSM Yellow Blink (quick) Searching network Digital input: CLOSED TO GND DI1 (NPN Red Digital input: OPEN Digital input: CLOSED TO GND DI2 (NPN Red OFF Digital input: OPEN Red Digital input: CLOSED TO GND DI3 (NPN OF Digital input: OPEN Digital input: CLOSED TO GND DI4 (NPN Red OFF Digital input: OPEN Digital input: CLOSED TO +12V DI1 (PNP Red Digital input: OPEN Digital input: CLOSED TO +12V DI2 (PNP) Red Digital input: OPEN Digital input: CLOSED TO +12V DI3 (PNP Red Digital input: OPEN Digital input: CLOSED TO +12V DI4 (PNP) Red Digital input: OPEN Z-GPRS2 active PWR/STS Green ON log is OFF waiting boot Z-GPRS2 OFF OFF Slow BLINK Log activated. 3/0 5sec ON/OF mal functioning Normal BLINK ack-up battery functioning /1sec ON/OFI log is OFF Quick BLINK attery low 2/0.258 oweroff in progress. N/OFF SD/STS Red Blink MicroSD card access ETH LNK Green Blink RJ45 connection is activated ETH TRF Traffic on Ethernet port Yellow Blink

7 PURCI	HASE OR	DER CODE
Z-GPRS2		GSM/GPRS unit - RTU multiprotocol datalogger
Z-PC-DIN	AL1-35	DIN rail support with screw terminals P= 35 mm
	1-35	DIN 1 slot support for rear connector P= 35 mm
A-GSM		External GSM antenna dual band swing, cable 3,2 m
FD01		Photodetector for pulse counter, MAX frequency 10 Hz

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