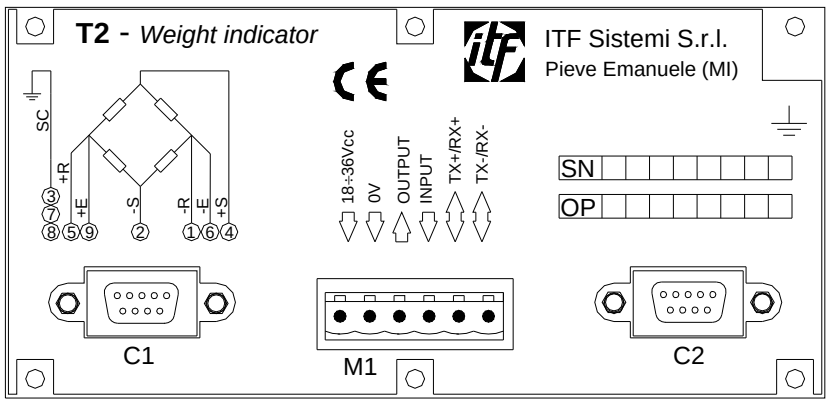
- Temporary / permanent tare from front panel and remote
- 1 set point
- Full scale with over- range, under-range and over-load signaling
- Hardware Test function for wiring check
- Fail alarm

Manuals are available in italian, English, and(for PB version only, french, german, spanish , Russian).

GENERAL TECHNICAL CHARACTERISTICS				
		Symbol	***Value***	***u.m.***
Supply – Env.	DC Power supply	Vi	18 ÷ 36	V
	Power consumption	P	10	VA
	Operating temperature	Te	- 10 ÷ + 40	°C
	Storage temperature	Ts	- 20 ÷ + 70	°C
	Relative humidity		85% non condensing	
Cells	Connectible n° of cells		Max 8 350 Ω load cells in parallel	
	DC Power supply	E	5	V
	Wiring		4 or 6 wires + shield	
	Sensibility		1 ÷ 3	mV/V
ADC	Converter		Sigma Delta 24 (16.777.216 counts)	Bit
	Conversion rate		57	c/s
	Digital filter		5 cut frequencies	
	Sensitivity		0,05	µV/div
Perform	Resolution		100.000	Counts
	Accuracy		0,01% F.S.	
	Linearity		0,01% F.S.	
	Dead load range		100% of F.S.	
Inp / Out	Display		6 digits	
	Keyboard		Polyester membrane	
	Digital input	I_0	Mechanical switching or PNP transistor	
	Digital output	U_0	PNP open collector transistor	
Box	Housing		Aluminium box	
	Averall dimensions		H=72; L=144; D=55	mm
	Mounting		Panel mounting or for DIN rail EN 50022	
	Protection class		IP 52	

BACK PANEL



Serial Number

Installed option code

Power supply

Digital output (U_0)

TARE input (I_0)

PROFIBUS-DP
Standard output
Transmission rate 9,6K ÷ 12M bps
Data format BCD – ASCII – EXADECIMAL

Analog output
Current 0 ÷ 20, 4 ÷ 20mA
Tension 0 ÷ 10V (Output impedance 500 Ω)
Resolution 16 Bit (65.536 counts)
Independent analog full scale

Parallel BCD
Multiplexed in 2 digits groups
Working: 6 digits or 5 digits + state digit
External power supply: 24Vdc
Outputs type: open collector PNP transistor

Set points
N° set points: 8
Outputs type: open collector PNP transistor

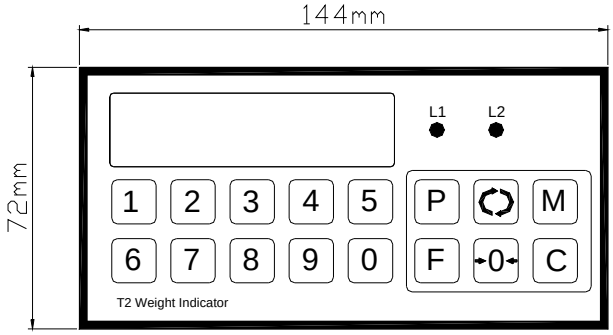
Inputs for remote programming

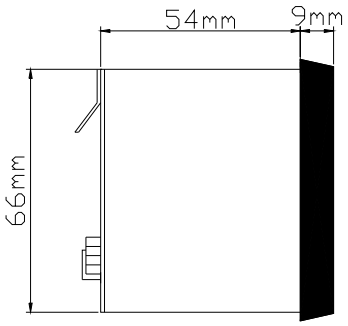
Serial line
RS485 Half-duplex
Transmission rate: 1200 ÷ 19.200 bps
Transmission protocols: ITF standard, continuous transmission – MODBUS-RTU

	INSTALLED OPTIONS				
ORDERING CODE	**RS485**	**ANALOG**	**BCD**	**SET**	**PROFIBUS**
T2					
T2-PB					X
T2-G		X			
T2-T2	X				
T2-GT2	X	X			
T2-BCD			X		
T2-BCDT2	X		X		
T2-U8				X	
T2-U8T2	X			X	

NOTA : add '**-R**' at the end of the code to the "remote keys" option.

DIMENSIONS





ACCESSORYES AND INTERFACES BOARDS

E2-I4R9

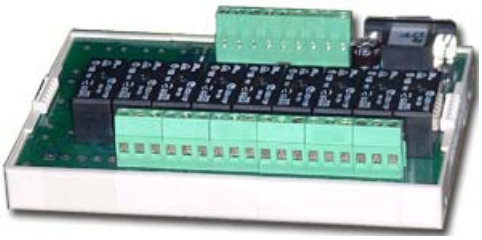


Figure 1

8 set point relay board.
This external board gives to the clamps the relay contacts of the set points and repeats the D-sub pins of the connector C2.

Power supplì : 24 Vdc
Relay: 5A / 250 V (resistite load)
Dimensions: 129 x 92 mm^2
Mounting for DIN bar
Connection: 15 poles cable - 1m

E2-BCD

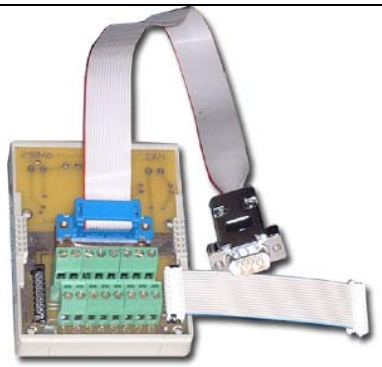


Figure 2

BCD board.
This external board gives to the clamps the pins of the C2 D-SUB connector. It also allows to connect more than one instrument to the same 8 inputs port of a PLC using 2 outputs for each instrument (see figure 6).

E2-9D/9M

Figure 3

Adaptor 9 pins D-SUB connector.

E2-15D/15M

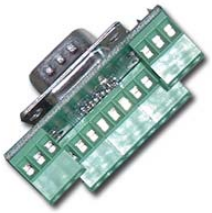


Figure 4

Adaptor 15 pins HD D-SUB connector.

SQ1-DIN1

Figure 5

Adaptor for DIN bar mounting.
This adaptor allows the mounting of the instrument on DIN bar EN 50022 for an usefull and easy mounting inside the panel.

WIRING EXAMPLE

The following figure shows a wiring axample for a system with variuos BCD instruments connected to the same 8 inputs port of one PLC.

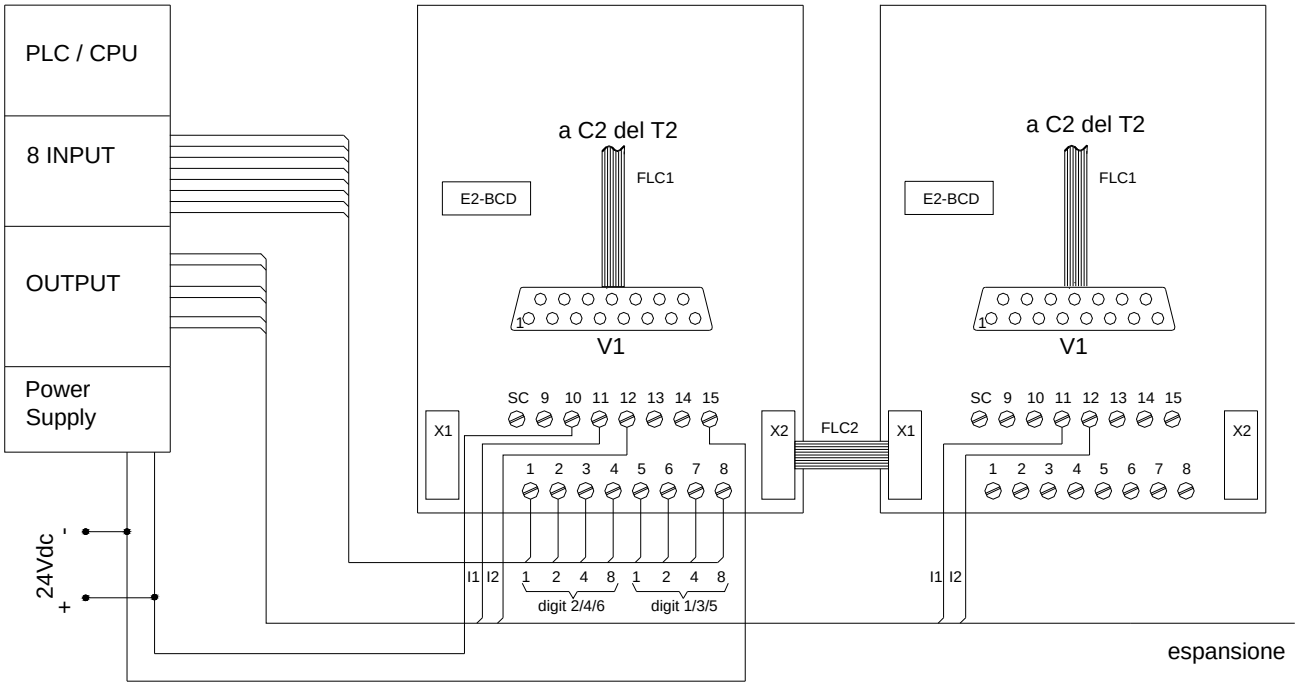


Figure 6

TECHNICAL CHARACTERISTICS	
Dymensions	70 x 92 mm^2
Mounting	DIN bar
Connections	FCL1 15 pins flat cable. Lenght 1m FCL2 16 pins flat cable. Lenght 15cm