

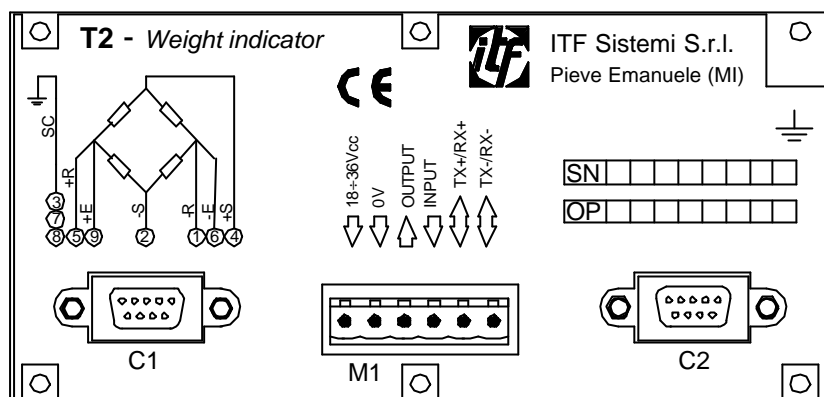


- Temporary / permanent tare from front panel and remote
- 1 set point
- Full scale with over- range, under-range and over-load signaling
- Hardware Test function for wiring check
- Fail alarm

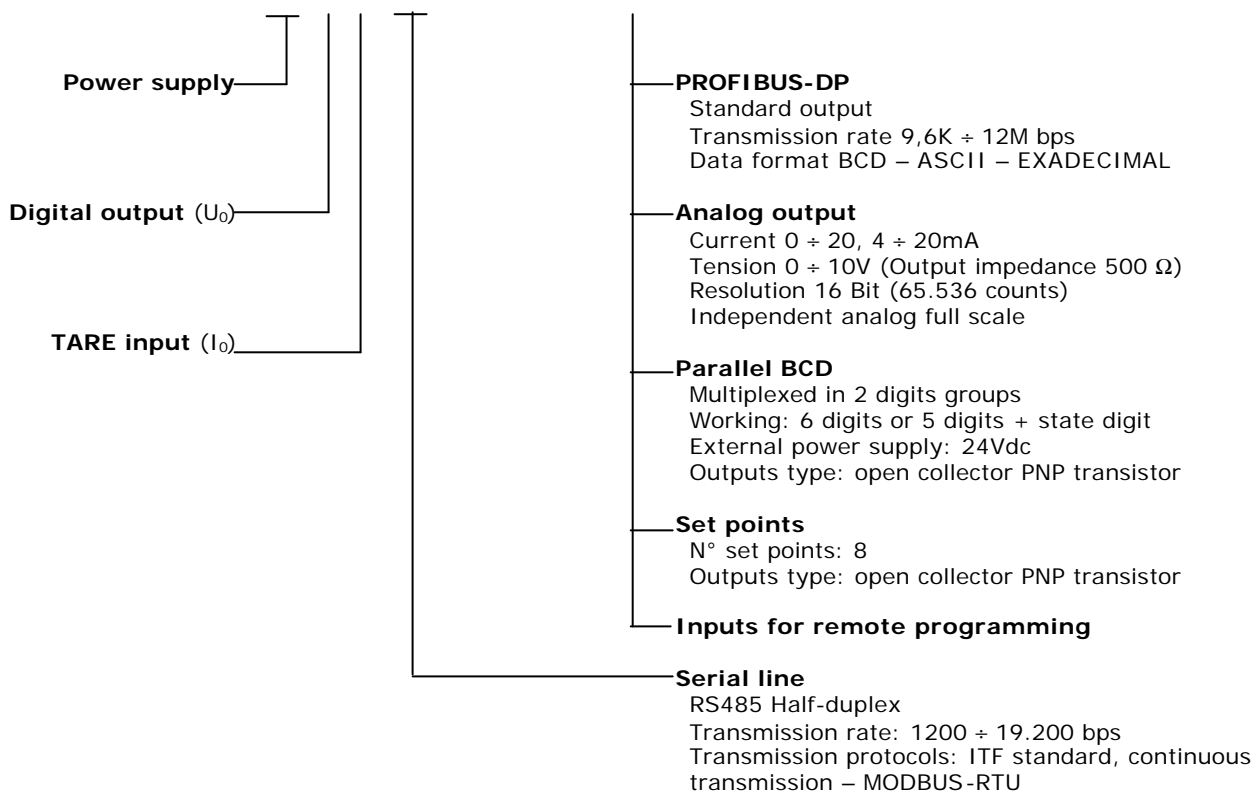
Manuals are available in italian, English, french, german, spanish and Russian (PB version only).

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 _o	Mechanical switching or PNP transistor	
	Digital output	U _o	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



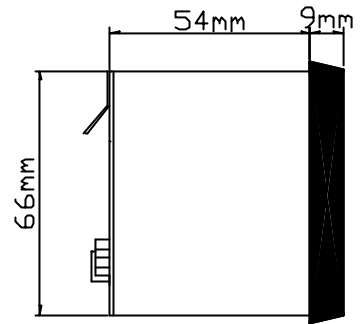
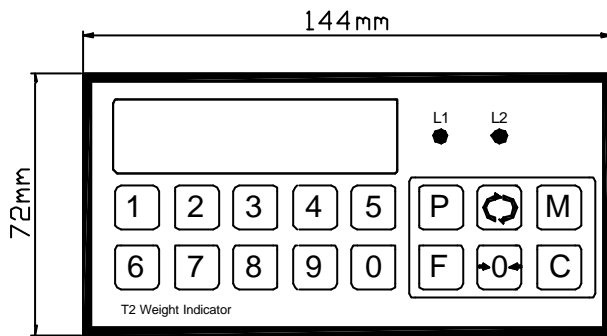
Serial Number
Installed option code



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

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

DIMENSIONS



ACCESSORIES 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 suppli : 24 Vdc
Relay: 5A / 250 V (resistite load)
Dimensions: 129 x 92 mm²
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 5022 for an usefull and easy mounting inside the panel.

WIRING EXAMPLE

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

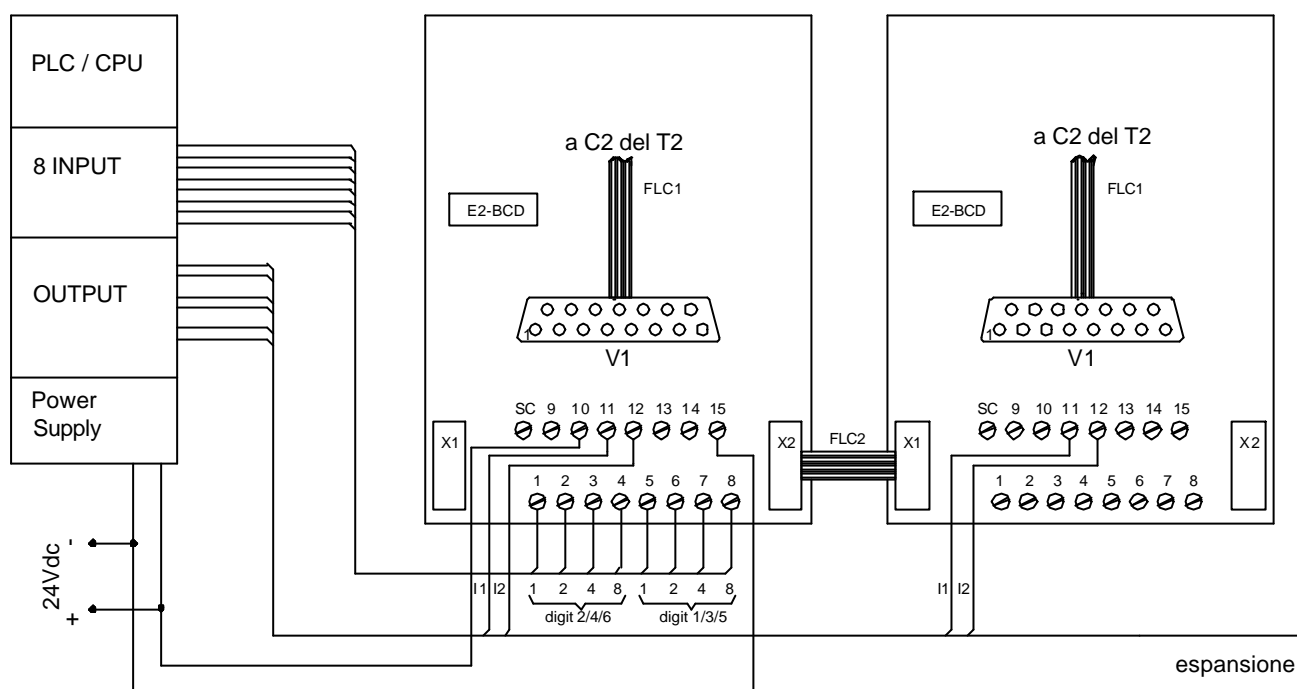


Figure 6

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