

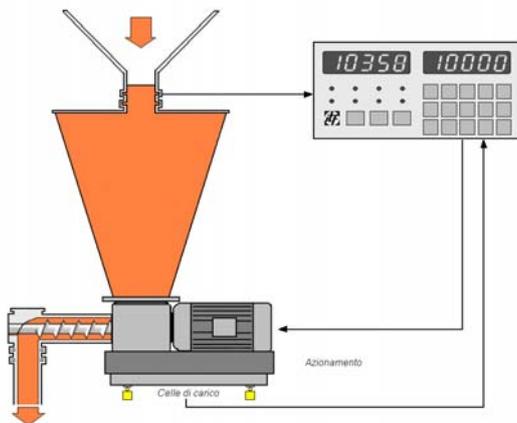


- Automatic calibrations
- 1 set point and 1 totalizer
- Visualization: flow rate / weight / totalizer / set point
- Hardware Test function for wiring check
- Remote keys for Ex zone (option)

Manuals are available in Italian and in English.

GENERAL TECHNICAL CHARACTERISTICS			
Description		Symbol	Value
V/T	DC Power supply	Vi	18 ÷ 36 Vdc 10 W
	Operating temperature	Te	- 10 ÷ + 40 °C
Cells	Connectible n° of cells		Max 8 / 350 Ω load cells in parallel
	Connectible n° of cells	E	5 Vdc
	Wiring		4 or 6 wires + shield
ADC	Converter		Sigma Delta 24bit (16.777.216 counts)
	Resolution		100.000 counts
	Accuracy / Linearity		0,01% F.S.
Inp / Out	Analog output		For control or transmission of flow rate
	RS485 serial		For interfaces (PC, PLC, display repeater)
	Digital input	I _o	Mechanical switching or PNP transistor for start/stop
	Digital output	U _o	PNP open collector transistor
	Housing		Aluminium box - IP 52

TYPICAL APPLICATION



WORKING CICLE

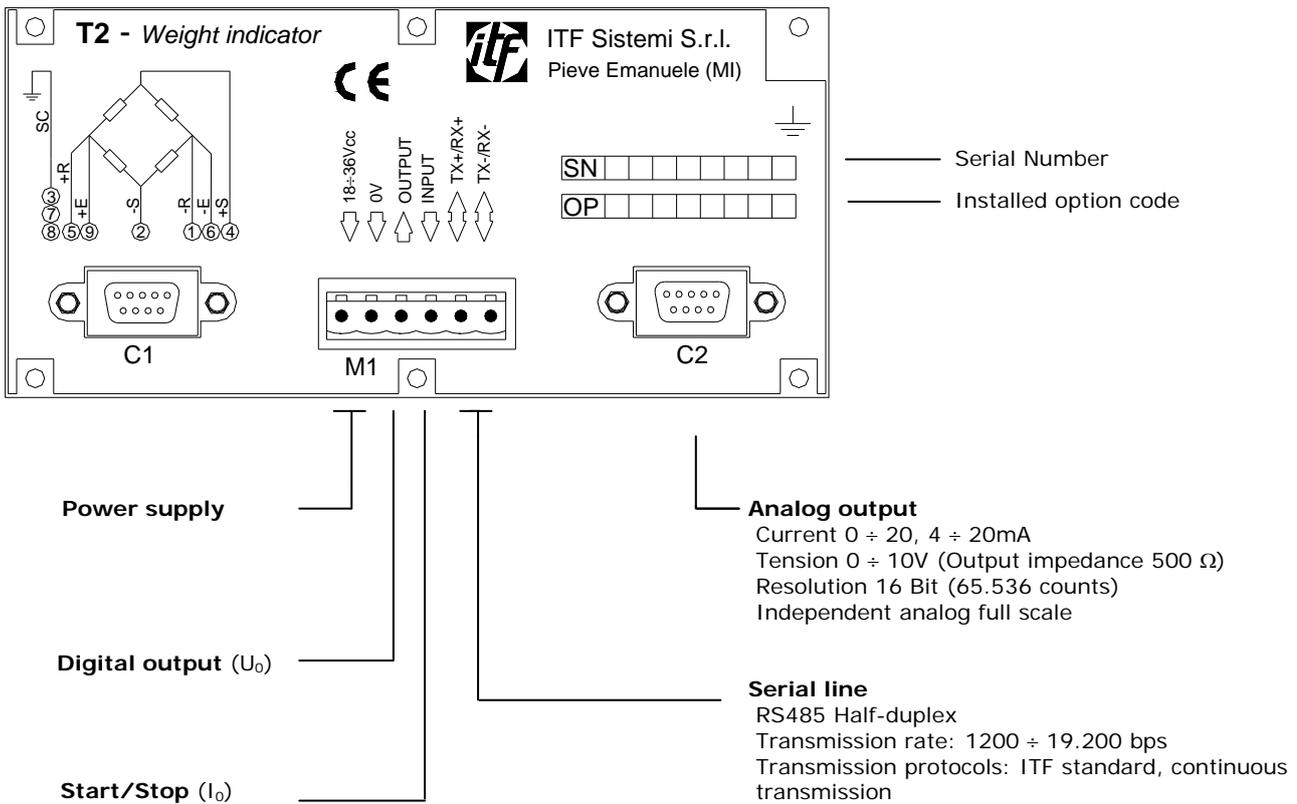
The instrument reads the weight variation dP at the time interval dt and calculates the flow rate Po

$$P_o = \frac{dP}{dt} \times 3600$$

The P_o value is continuously compared with the nominal flow rate value set and, according with the calculated difference, the analog output will be modulated for control. The totalizer and the set point are updated. The serial line transmits the data.

T2N

Loss in weight feeder



DIMENSIONS [mm]

