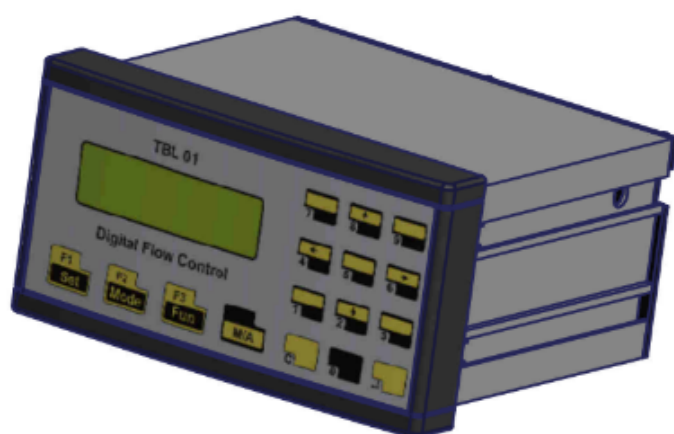


TBL 02 BELTER

Belt flow regulator

1. Product



2. Technical data

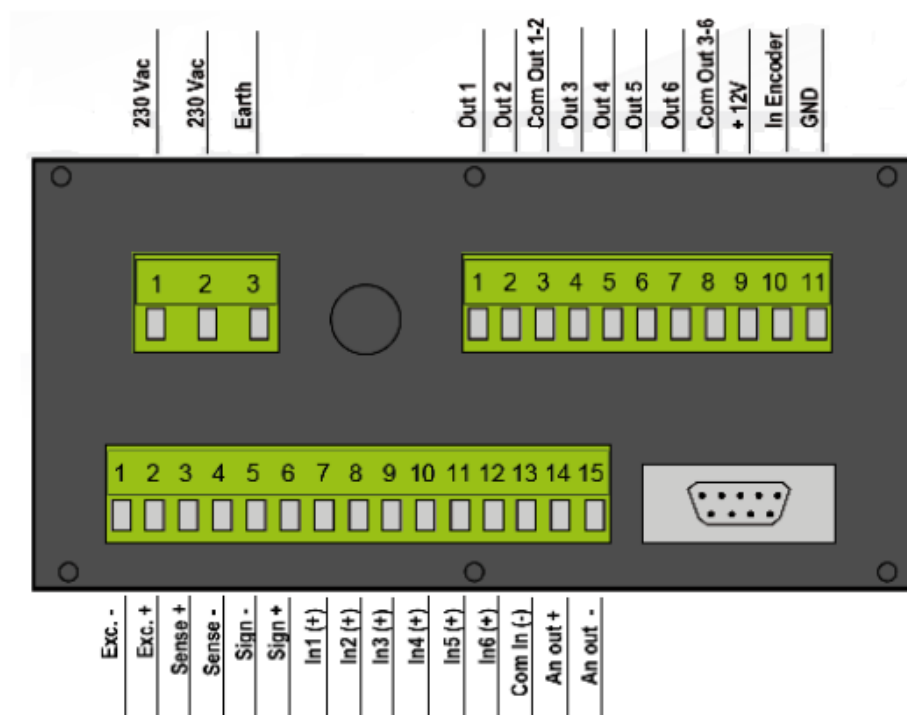
Power Supply	230 / 115 Vac 50/60 Hz
Max Consumption	20 VA
Insulation	Class II
Installation Category	Cat. II
Operating temperature	-10°C / +40°C (max humidity 85% non-condensing)
Storage temperature	-20°C / +50°C
Display	2 rows alphanumeric lcd (char height=5 mm)
Keyboard	16 multifunction key
Overall dimensions	144mm x 72mm x 120mm (l x h x p)
Mounting	Panel mount 138x68 (l x h)
Enclosure	ABS
Protection front	IP54

Connections	DSUB9 connectors and Pull-out terminal blocks pitch 5.08
Load cell power supply	5 Vcc / 90 mA (max 6 load cells of 350Ω) short circuit protected
Sensitivity	0.2 µV min
Linearity	< 0.01% of full scale
Drift Temperature	< 0.001% of full scale / °C
Resolution	24 bit
Input range	From -3.9 mV/V to +3.9 mV/V
Digital filter	Selectable 0.2 Hz - 50 Hz
Logical outputs	6 NO relays max 115Vac 0,5A
Logical Inputs	6 opto coupled at 12/24Vcc PNP
Serial port	(n° 2) COM1: Rs232c half duplex COM2: Rs422/Rs485 half duplex.
Microprocessor memory	128 kBytes Flash re-programming with Rs232
Data memory	EEPROM 8 Kbytes
Watch	RTC with battery
Analog output	Tension: 0-10V, 0-5 V; Current 0-20 mA, 4-20 mA
Analogic resolution	16 bit
Taratura digitale	da tastiera
Analog Impedance	Tension: min 10KΩ Current: max 300Ω
Linearity	<0.03% of full scale
Drift Temperature	<0.001% of full scale / °C
Conformity standard	EN6100-6-3, EN61000-6-2, EN61010-1

TBL 02 BELTER

Belt flow regulator

3. Connections



4. Parametri software

All functions are programmable through the keyboard, stored and kept in memory with data protection.

Settings and calibration data

Set minimum weight unit (x1 x2 x5)

Set comma

Zero calibration

Span adjustment (calibration weight)

Weight stabilization parameters

Monotony

Range of digital filtering

Time digital filtering

Operating parameters

PID

Overload alarm

Minimum weight alarm

Flow setting range (up to 9)

Tolerance (scale deviation)

Material shortage alarm

Automatic/Manual

Refill (filling hopper) in weight or time mode

Totalizer