



- High performances
- Robust construction
- Easy to program and to calibrate
- All functions optoinsulated
- 3 years guarantee

TECHNICAL CHARACTERISTICS				
		Symbol	Value	u.m.
Supply – Env.	DC power supply	V_i	18 ÷ 36	V
	AC power supply	V_i	15 ÷ 24	V
	Consumption	P	10	W
	Working temperature	T_e	- 10 ÷ + 40	°C
	Storage temperature	T_s	- 20 ÷ + 70	°C
	Relative humidity		85% not 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 bit (16.777.216 counts)	
	Conversion rate		57	c/s
	Digital filter		FIR with 4 cut frequencies	
	Sensitivity		0,5	μV/div
Perform	Resolution		10.000	div
	Accuracy		0,01% F.S.	
	Linearity		0,01% F.S.	
Inp / Out	Display		6 digits	
	Keyboard		4 key	
	Digital input	I_o	Mechanical swithing or NPN / PNP transistor	
	Output	U_o	1 relay. 2 A / 250 V (resistive load)	
Analog	Tension		0÷10 V (load resistor ≥ 10 KΩ)	V
	Current		4÷20 (load resistor ≤ 500 Ω)	mA
	Resolution		16 bit (65.536 counts)	
Serial	Main		RS232 or RS485 Half-duplex	
	Transmission rate		Up to 19.200	bps
	Transmission protocols		MODBUS-RTU, ITF	
	Aux		RS232 (TX only)	
	Transmission rate		1200 (fixed)	bps
Box	Housing		Metallic painted	
	Dimensions		127 x 120 x 50	mm
	Mounting		For DIN bar EN 50022	
	Protection class		IP 20	