



- 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	Vi	18 ÷ 36	V
	AC power supply	Vi	15 ÷ 24	V
	Consumption	P	10	W
	Working temperature	Te	- 10 ÷ + 40	°C
	Storage temperature	Ts	- 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		5 cut frequencies	
	Sensitivity		0,05	μV/div
Perform	Resolution		100.000	div
	Accuracy		0,01% F.S.	
	Linearity		0,01% F.S.	
	Dead load range		100% 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)	
BUS	PROFIBUS-DP output		Standard	
	Transmission rate		9,6 Kbaud ÷ 12 Mbaud (autodetection)	bps
	Data format		BCD – ASCII – Hexadecimal	
Box	Housing		Metallic painted	
	Dimensions		127 x 120 x 50	mm
	Mounting		For DIN bar EN 50022	
	Protection class		IP 20	