

CARACTERISTICI

- Intraire T/C, Pt100, semnal liniar de proces mA, Vdc
- Precizie: $\pm 0.25\%$ din FS
- Afisaj digital 4 cifre: -1999~9999
- Iesire automat / manual - standard
- Iesire de reglaj incalzire / racire - optional
- Retransmisie analogica - optional
- Dimensiuni 1/4, 1/8, 1/16 DIN
- Inalta stabilitate & ieftin
- Aprobare CE



SPECIFICATII

Tip intrare	Gama de masura	Impedanta intrare	
Termo-cuplu	K	0.0~400.0/ 0~1200°C	$\geq 1\text{Mohm}$
	J	0.0~400.0/ 0~1200°C	$\geq 1\text{Mohm}$
	E	0~1000°C	$\geq 1\text{Mohm}$
	T	-199.9~400.0°C/ 0.0~350.0°C	$\geq 1\text{Mohm}$
	R	0~1796°C	$\geq 1\text{Mohm}$
	S	0~1796°C	$\geq 1\text{Mohm}$
	B	0~1820°C	$\geq 1\text{Mohm}$
	N	0~1300°C	$\geq 1\text{Mohm}$
	W	0~2320°C	$\geq 1\text{Mohm}$
	PLII	0~1390°C	$\geq 1\text{Mohm}$
	U	-199.9~400.0°C/ 0.0~350.0°C	$\geq 1\text{Mohm}$
L	0~800°C	$\geq 1\text{Mohm}$	
Pt100	-199.9~600.0°C/ 0.0~600°C	$\geq 1\text{Mohm}$	
Curent	0~20 mA	2,4 ohm	
	4~20 mA	2,4 ohm	
Tensiune	0~50 mV	$\geq 1\text{Mohm}$	
	0~10V	$\geq 20\text{Kohm}$	
	1~5V	$\geq 10\text{Kohm}$	

- Precizie de masura: $\pm 0.25\%$ F.S. ± 1 digit.
- Scalare: -1999~9999; 14 bit rezolutie
- Timp de esantionare: 2 cicluri/sec

Funcții afisaj

- LED
Afisaj dublu pentru PV & SV
8 LED patrate pentru stare iesire, alarma...
Bargraf 10 segmente pentru procentaj iesire
- Punct zecimal: Setabil in orice pozitie cu tastatura (intraire liniara)
- Unitati de masura: °C si °F selectabile
- Compensare: Pentru PV si SV
- Indicare depasire gama
Afisare "UUU1"

Operare

- Tastatura: Cinci taste pentru: setare functie / iesire Auto-Manual / sus / jos / deplasare
- Functie salt: Nu afisaza (sare) functiile care nu sunt folosite de catre utilizator
- Mod reglare
- ON/ OFF
Cand P este setat 0 (P=0)
Histerezis (Hy): 0~1000 numarari
Auto tuning
Banda proportionalitate (P): 0.0~200.0% din span
Banda de proportionalitate racire (P1): 0.0~200.0% din span

- Iesire de reglare
Reset timp (Integral): 0~900 sec.
Rate time (Deviation): 0~1000 sec
Timp ciclu: 0~150 sec
Reglaj dublu H/C (incalzire/ racire) programabil direct/invers
Relu SPDT contacte 1,5A/ 240Vca
SSR, 24V, 20mA
4~20 mA, sarcina: 600 ohm.
0~10 V, sarcina: 1Mohm

Alarma

- Relu, contact: Standard: Alarma 1: SPDT 5A/240V
Optiune: Alarma 2: SPDT 3A/240V
- Functii alarma: histerezis, timp alarma, intarziere, hold
- Mod alarma: 13 moduri de actiune programabile
Deviatie High, Low or High & Low alarm
Val. absoluta High, Low sau alarma High & Low
Gama val. absoluta high & low
Eroare convertor A/D

Iesire analogica (optiune)

- Precizie: $\pm 0.25\%$ din gama de masura
- Rezistenta de sarcina: Max. 600 ohms
- Izolare: Izolare intre intrare si output
- Calibrare: Cu tastatura de pe panoul frontal

Alimentare

- Tensiune excitatie senzori: 24V, 30mA
- Tensiune alimentare: AC 85~265V, 50/60 Hz
Optional: DC 24V
- Putere consumata: 4.5VA
- Memorie: EEPROM

Conditii de utilizare

- Temperatura de lucru: 0~55 °C
- Umiditate relativa: 20~90%RH(fara condens)
- Temperature coefficient: ≤ 100 PPM/°C (0~50°C)
 ≤ 50 PPM/°C (23 \pm 3°C)
- Temperatura de stocare: -10~70 °C
- Carcasa: IP 42

Securitate electrica

- Rigiditate dielectrica: AC 2.0KV pentru 1 min
intre intrare / iesire / alimentare / carcasa
 $\geq 20\text{Mohm}$
EN61010-1

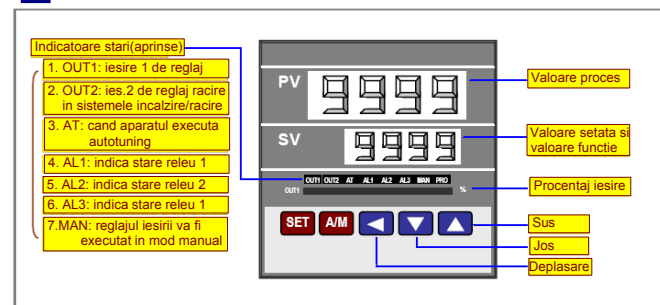
EMC

- EMC: EN 55022; EN50204
EN61000-3-2; EN61000-4-2

Mecanice

- Material carcasa: ABS negru rezistent la foc
- Montaj: In panou
- Conectare: Conctor cu surub
- Greutate: Cca 325g

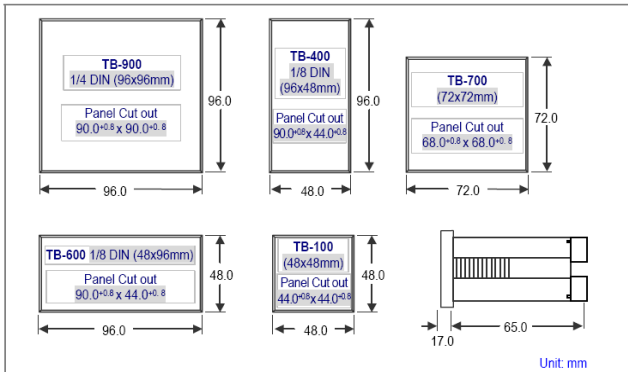
PANOU FRONTAL



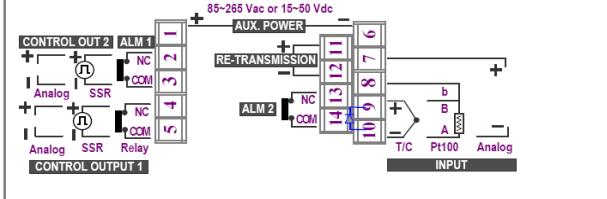
4 DIGITAL PID CONTROLLER

TB Series

DIMENSIONS

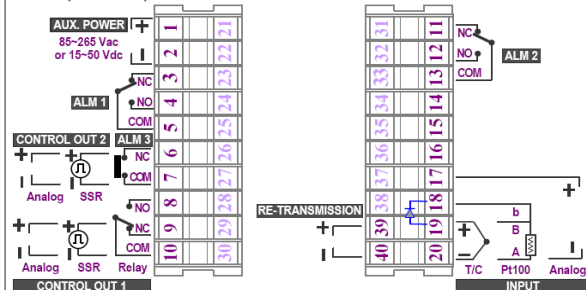


TB-100 (48x48mm):

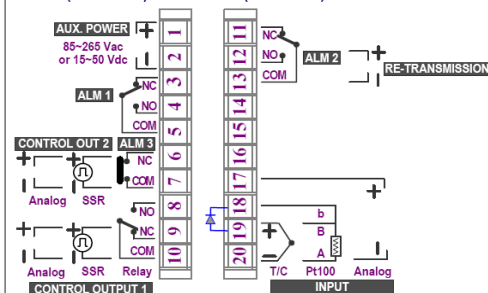


CONNECTION DIAGRAM

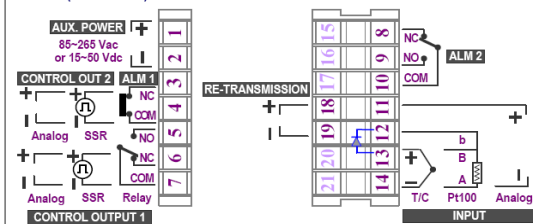
TB-900 (96x96mm):



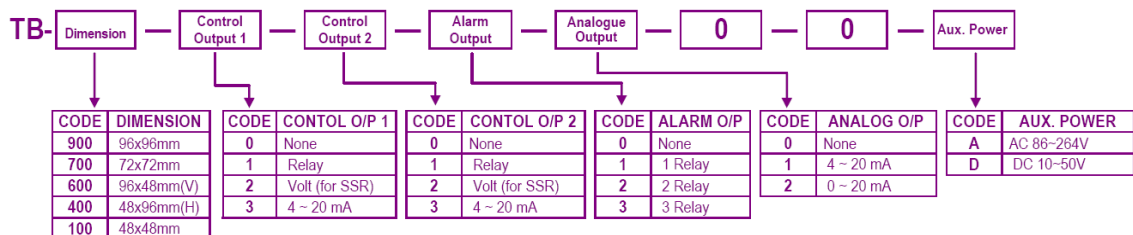
TB-400 (48x96mm) and TB-600 (96x48mm):



TB-700 (72x72mm):



ORDER INFORMATION



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