

- Modbus RTU output
- Insulation: 1.5 kVac, 3-way isolation
- 4 input channel
- parametrization via Modbus RTU



NOTE

Factory setting: 100mV input

(1) The software CaburLab is available from our web site for free.

CODE	XCI04TMB	XCI04RLYMB
TYPE	CIO4TMB	CIO4RLYMB
INPUT TECHNICAL DATA		
Signal type IN	thermocouples (J, K, S, R, B, E, T, N), 100mV	Modbus RTU
Input range IN	-270...+1820°C based on sensor (2)	—
Maximum voltage current signal IN	—	—
Input impedance IN	1 MΩ	56 Ω
Parametrization IN	Software CaburLab (1)	—
OUTPUT TECHNICAL DATA		
Signal type OUT	Modbus RTU	Analogue
Output range OUT	—	5 Vdc
Maximum output signal OUT	—	2.5 A max
Load impedance OUT	—	—
Ripple OUT	—	—
Status indication OUT	LED	LED
Parametrization OUT	—	Software CaburLab (1)
GENERAL TECHNICAL DATA		
Power supply voltage	24 Vdc (8...30 Vdc)	24 Vdc (8...30 Vdc)
Current consumption	100 mA (24 Vdc)	100 mA (24 Vdc)
Accuracy	0.1% FSR (23°C)	0.1% FSR (23°C)
Linearity error	< 0.1% FS	< 0.1% FS
Temperature coefficient	—	—
Setting time	—	—
Transmission frequency	10 Hz	10 Hz
Resolution	13 bits	13 bits
Rise time	—	—
Baud rate	1200 - 320400 bps programmable	1200 - 320400 bps programmable
Parity	None, Odd, Even, Mark, Space	None, Odd, Even, Mark, Space
Operation temperature range	-20...+70°C	-20...+70°C
Insulation	1.5 kVac / 60 s	1.5 kVac / 60 s
Insulation type	3-way (IN / OUT / power)	3-way (IN / OUT / power)
Standard approvals	—	—
EMC Standards	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3
Overvoltage category / Pollution degree	II / 2	II / 2
Protection degree	IP 20	IP 20
Connection terminal IN / OUT	2.5 mm ² / 2.5 mm ² (screw)	2.5 mm ² / 2.5 mm ² (screw)
Housing material	UL94V-0 plastic material	UL94V-0 plastic material
Dimensions	101x79x17.5 mm	101x79x17.5 mm
Approximate weight	100 g	100 g
Mounting informations	vertical on a rail, distance 5 mm from adjacent components	vertical on a rail, distance 5 mm from adjacent components
APPROVALS	CE	CE
ACCESSORIES		
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail (IEC60715/TH35-15)	—	—