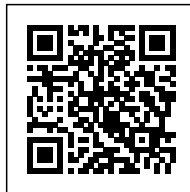




## Analogue converter input PT100/ output Modbus RTU

<b>Series</b>	CIO
<b>Code</b>	XCIO4RMB
<b>Type</b>	CIO-4R-MB -
<b>HS code</b>	85043129
<b>INPUT TECHNICAL DATA</b>	
<b>Signal type IN</b>	potentiometric 0...2 k $\Omega$ , temperature PT100, PT500, PT1000, NI120, NIFE604, CU100, CU120
<b>Input range IN</b>	-200...+850°C based on sensor (2)
<b>Input impedance IN</b>	>1 M $\Omega$
<b>Parametrization IN</b>	Software CaburLab (1)
<b>OUTPUT TECHNICAL DATA</b>	
<b>Signal type OUT</b>	Modbus RTU
<b>Status indication</b>	LED
<b>GENERAL TECHNICAL DATA</b>	
<b>Power supply voltage</b>	24 Vdc (8...30 Vdc)
<b>Current consumption</b>	100 mA (24 Vdc)
<b>Accuracy</b>	0.1% FSR (23°C)
<b>Linearity error</b>	< 0.1% FS
<b>Transmission frequency</b>	10 Hz
<b>Resolution</b>	13 bits
<b>Baud rate</b>	1200 - 230400 bps (programmable)
<b>Parity</b>	None, Odd, Even, Mark, Space
<b>Operation temperature range</b>	-20...+70°C
<b>Insulation</b>	1.5 kVac / 60 s
<b>Insulation type</b>	3-way (IN / OUT / power)
<b>EMC Standard</b>	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3
<b>Overvoltage category / pollution degree</b>	II / 2
<b>Protection degree</b>	IP 20
<b>Connection terminal IN / OUT</b>	2.5 mm <sup>2</sup> / 2.5 mm <sup>2</sup> (screw)
<b>Housing material</b>	UL94V-0 plastic material
<b>Dimensions (LxHxD)</b>	101x79x17.5 mm
<b>Approximate weight</b>	100 g
<b>Mounting information</b>	vertical on a rail, distance 5 mm from adjacent components
<b>ACCESSORIES</b>	
<b>Mounting rail (IEC60715/TH35-7.5)</b>	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
<b>APPROVALS AND MARKINGS</b>	
	CE



\* Modbus RTU output\* Insulation: 1.5 kVac, 3-way isolation\* 4 input channel\* parametrization via Modbus RTU\* CaburLab software is available for free  
1 Factory setting: 500  $\Omega$  input

## DESCRIZIONE DEL PRODOTTO

CIO-4R-MB  
Analogue converter input PT100/ output Modbus RTU