

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



NOTE

Factory setting: ± 20 mA input

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

CODE	XC104IMB	XC104VMB	XC104RMB
TYPE	C104IMB	C104VMB	C104RMB
INPUT TECHNICAL DATA			
Signal type IN	analogue	analogue	potentiometric 0...2 k Ω , temp. PT100, PT500, PT1000, NI120, NIFE604, CU100, CU120
Input range IN	± 20 mA programmable	± 10 V programmable	-200...+850°C based on sensor [2]
Maximum voltage current signal IN	24 mA	12 V	—
Input impedance IN	56 Ω	1 M Ω	1 M Ω
Parametrization IN	Software CaburLab [1]	Software CaburLab [1]	Software CaburLab [1]
OUTPUT TECHNICAL DATA			
Signal type OUT	Modbus RTU	Modbus RTU	Modbus RTU
Output range OUT	—	—	—
Maximum output signal OUT	—	—	—
Load impedance OUT	—	—	—
Ripple OUT	—	—	—
Status indication OUT	LED	LED	LED
Parametrization OUT	—	—	—
GENERAL TECHNICAL DATA			
Power supply voltage	24 Vdc (8...30 Vdc)	24 Vdc (8...30 Vdc)	24 Vdc (8...30 Vdc)
Current consumption	100 mA (24 Vdc)	100 mA (24 Vdc)	100 mA (24 Vdc)
Accuracy	0.1% FSR (23°C)	0.1% FSR (23°C)	0.1% FSR (23°C)
Linearity error	< 0.1% FS	< 0.1% FS	< 0.1% FS
Temperature coefficient	—	—	—
Setting time	—	—	—
Transmission frequency	10 Hz	10 Hz	10 Hz
Resolution	13 bits	13 bits	13 bits
Rise time	—	—	—
Baud rate	1200 - 320400 bps programmable	1200 - 320400 bps programmable	1200 - 320400 bps programmable
Parity	None, Odd, Even, Mark, Space	None, Odd, Even, Mark, Space	None, Odd, Even, Mark, Space
Operation temperature range	-20...+70°C	-20...+70°C	-20...+70°C
Insulation	1.5 kVac / 60 s	1.5 kVac / 60 s	1.5 kVac / 60 s
Insulation type	3-way (IN / OUT / power)	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	EN 61000-6-1, EN 61000-6-2, EN 61000-6-3
Overvoltage category / Pollution degree	II / 2	II / 2	II / 2
Protection degree	IP 20	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)	2.5 mm ² / 2.5 mm ² (screw)
Housing material	UL94V-0 plastic material	UL94V-0 plastic material	UL94V-0 plastic material
Dimensions	101x79x17.5 mm	101x79x17.5 mm	101x79x17.5 mm
Approximate weight	100 g	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	vertical on a rail, distance 5 mm from adjacent components
APPROVALS			
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	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail (IEC60715/TH35-15)	—	—	—