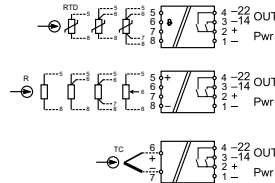


- Input: PT100, PT1000, thermocouples, potentiometers
- Output: 2 semiconductor NO contacts
- Insulation: 2.5 kVac, 2-way isolation
- FDT/DTM software programmable ranges

NOTE

[1] Input and output signal range, can be selected using a DIP-switch or customised using FDT/DTM software and LCONZUSB interface



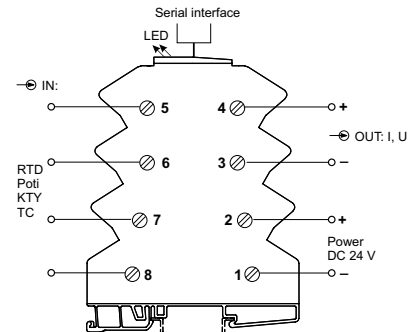
Programming kit X756894

CODE	X756370
<b>TYPE</b>	<b>LCONTLS</b>
<b>INPUT TECHNICAL DATA</b>	
Signal type IN	PT100, PT1000, potentiometer, thermocouples (B, C, E, J, K, N, R, S, T)
Input range IN	-200...+2400 °C (based on sensor) or 0...600 kΩ
Maximum voltage current signal IN	—
Input impedance IN	—
Hysteresis	—
Parametrization IN	FDT/DTM software [1]
<b>OUTPUT TECHNICAL DATA</b>	
Signal type OUT	2 NA contacts (solid state relay)
Output range OUT	30 Vdc / 100 mA
Status indication OUT	LED
Operating mode OUT	limit value, window, trend, inversion and memory
Parametrization OUT	FDT/DTM software [1]
<b>GENERAL TECHNICAL DATA</b>	
Power supply voltage	24 Vdc (16.8...30 Vdc)
Current consumption	12 mA
Auxiliary output voltage	—
Accuracy	0.2% FSR (voltage output) / 0.4% FSR (voltage output)
Linearity error	+0.1% FSR
Temperature coefficient	<100 ppm/K
Setting time	5...500 ms (adjustable, default 30 ms)
Transmission frequency	—
Resolution	16 bit
Rise time	—
Operating temperature range	-40...+70°C
Insulation	2.5 kVac / 60 s
Insulation type	2-way (IN / OUT)
Standard approvals	—
EMC Standards	—
Overvoltage category / Pollution degree	II / 2
Protection degree	IP 20
Connection terminal IN / OUT	1.5 mm <sup>2</sup> / 1.5 mm <sup>2</sup> (screw)
Housing material	UL94V-0 plastic material
Dimensions	6.2x90x115.5 mm
Approximate weight	40 g
Mounting information	on a rail, side by side
<b>APPROVALS</b>	<b>CE</b>
<b>ACCESSORIES</b>	
Mounting rail (IEC60715/TH35-7.5)	PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB
Mounting rail (IEC60715/TH35-15)	—
Marking tag	—
Plugin jumper red	CWBK 7-0802 (code X766802)
Plugin jumper white	CWBK 7-0803 (code X766803)
Plugin jumper blue	CWBK 7-0804 (code X766804)
Programming kit	LCONZUSB (code X756894)

APPLICATIONS

LCONAASP is a programmable 4-way isolated converter, it allows to convert, amplify and duplicate a standard analog signal. Input can be set to the standard analog signals 0 ... 20 mA, 4 ... 20 mA and 0 ... 10 V, the signal is isolated, converted and duplicated into two independent signals that can be set to 0 ... 20 mA, 4 ... 20 mA and 0 ... 10 V.

The ranges can be set easily through a DIP switch



CONVERTERS