LCON SERIES
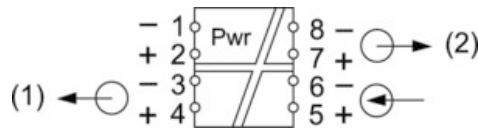
ANALOG SIGNAL CONVERTERS SIGNAL DUPLICATOR (SPLITTER)

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- Input: 3 selactable ranges
- Output: 3 selectable ranges
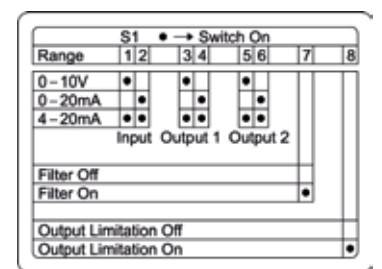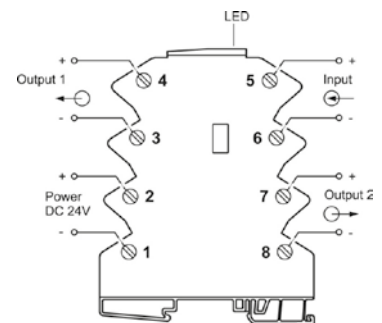- Insulation: 2.5 kVac, 4-way isolation

NEW

Programming kit 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

CODE	X756321
TYPE	LCON AASP
INPUT TECHNICAL DATA	
Signal type IN	analogue
Input range IN	0...10 V / 0...20 mA / 4...20 mA
Maximum voltage current signal IN	—
Input impedance IN	500 KΩ (voltage input) / 100 Ω (current input)
Parametrization IN	DIP switch
OUTPUT TECHNICAL DATA	
Signal type OUT	double output, analogue
Output range OUT	0...10 V / 0...20 mA / 0...20 mA
Maximum output signal OUT	10.5 V (voltage output) / 21 mA (current output)
Load impedance OUT	2 KΩ (voltage output) /400 Ω (current output)
Ripple OUT	<20 mV
Status indication OUT	LED
Parametrization OUT	DIP switch
GENERAL TECHNICAL DATA	
Power supply voltage	24 Vdc (16.8...30 Vdc)
Current consumption	13 mA
Accuracy	0.1% FSR (23°C)
Linearity error	±0.1% FSR
Temperature coefficient	<150 ppm / K FSR
Setting time	—
Transmission frequency	—
Resolution	16 bit
Rise time	—
Operating temperature range	-40...+70°C
Insulation	2.5 KVac / 60 s
Insulation type	4-way (IN / OUT1 / OUT2 / power)
Standard approvals	EN 60947-5-1
EMC Standards	EN 61000-6-2, EN 61000-6-4
Overvoltage category / Pollution degree	II / 2
Protection degree	IP 20
Connection terminal IN / OUT	1.5 mm² / 1.5 mm² (screw)
Housing material	UL94V-0 plastic material
Dimensions	6.2x90x115.5 mm
Approximate weight	60 g
Mounting informations	on a rail, side by side
APPROVALS	CE
ACCESSORIES	
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	—

See instruction leaflet for details

CONVERTERS