

Программируемый аналоговый преобразователь сигнала с пороговым переключением серий LCON



Programmable converter analogue signal / threshold

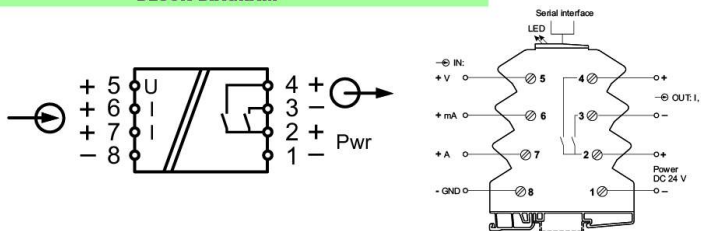
- 3 ways I/O 2.5 kV isolation
- programmable input ranges via dip-switch and customizable via software FDT/DTM
- 2 threshold customizable via software FDT/DTM
- Symple functions programming



NOTES

- The dimensions includes the DIN clamp.
- (1) Version with spring-clamp terminals available on request
 - (2) Input temperature ranges can be set via dip switch and adjustable via FDT/DTM software.
 - Output ranges can be set via FDT/DTM software
 - (3) 3-way isolation: IN / OUT/ supply

BLOCK DIAGRAM



VERSION

- With screw terminals (standard)
- With spring terminals
- Programming tool

Cod. X756360 Cod. X756894

LCONALSFDT LCONZBUSB

APPLICATIONS

CWTPR 7-0360 is an analog signal converter that provides high accuracy measurement and that can be connected to a wide range of analogue sensors. Input range and the output thresholds can be modified with a FDT/DTM software and an USB interface. Are available two normally open contact with solid state relay.

INPUT TECHNICAL DATA

Input signal (1)	-30...+30 V	-50...+50 mA	-5...+5 A
Input resistance	330 K Ω	30 Ω	10 m Ω
Zero / Spam	adjustable via software FDT/DTM		

OUTPUT TECHNICAL DATA

Threshold regulation	programmable via software FDT/DTM
Contact type	2 NO contact (solid state relay)
Max. switching voltage / current	30 Vdc / 100 mA
Status indication	2 yellow LED
Operating mode	limit value, window, tendency, inverting and hold function

GENERAL TECHNICAL DATA

Supply voltage	24 Vdc (16.8...30 Vdc)
Rated current	18 mA \pm 10% @ 24 Vdc
Accuracy	0.1% FS
Data processing	24 Bit
Linearity error	< 100 ppm FS
Temperature coefficient	<100 ppm/ $^{\circ}$ C
Response time	1...500 ms (adjustable, default 30 ms)
Isolation	2.5 kVac / 60 s (3)
EMC Standard	EN 50081-2, EN 50082-2
Reference Standard	IEC 664-1, DIN VDE
Overvoltage category/Pollution degree	III / 2
Protection degree	IP20
Operating temperature range	-40...+70 $^{\circ}$ C
Connection terminal	1.5 mm 2 fixed screw type
Housing material	Noryl UL94V-0
Approx. weight	600 g
Mounting information	vertical on rail adjacent without gap

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MOUNTING ACCESSORIES

Profilato d'appoggio a norma IEC60715/TH35-7.5	
Profilato d'appoggio a norma IEC60715/G32	
Ponte di parallelo (16 poli, 16 A)	rosso bianco blu

MOUNTING ACCESSORIES

PR/3/AC, PR/3/AC/ZB, PR/3/AS, PR/3/AS/ZB	
	CWBK 7-0802 cod. X766802
	CWBK 7-0803 cod. X766803
	CWBK 7-0804 cod. X766804