

Data sheet

Commercial Art.No.: 82.003.0130.0

analogue isolation amplifier cores C1 TC-B

cores C1 PT-B, analog converter, 3-way electrical isolation 1.5kV, input signal: thermocoupler J,K,R,S,T,B,E,N; output signal: 0/1...5V DC or 0...10V DC, 0/4...20mA DC or 20...4/0mA DC; accuracy 0.1%; supply voltage 24V AC/DC; W x H x D: 6.2 × 93.1 × 102.5 mm



Commercial Art.No.	82.003.0130.0
EAN	4049088153181
Order Unit	1

certificates / approvals



Technical data

technical data

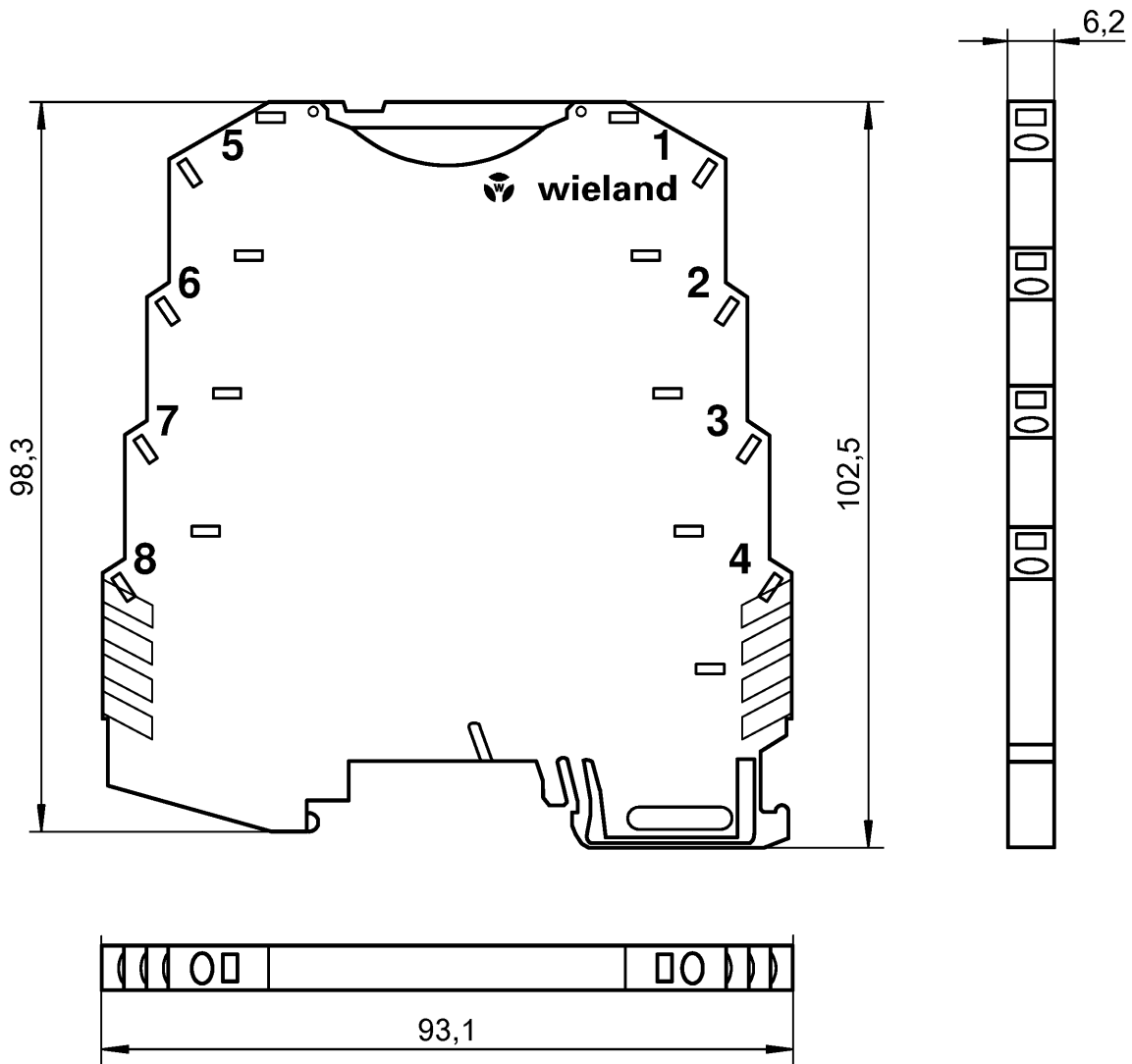
input range (adjustable)	types of thermo coupler: J, K, E, N, S, R, B, T
output range (adjustable)	0/1 ... 5 V DC or 0 ... 10 V; 10 ... 0 V DC 0/4 ... 20 mA DC or 20 ... 4/0 mA DC
galvanic isolation	yes, 3 way isolation
isolation voltage	1500 V
accuracy	<0.1%, 14 Bit resolution
input voltage DC min.	19.2 V
input voltage DC max.	30 V
power consumption	< 0.5 W
connection type	spring clamp connection
wire range solid/fine-stranded	0.2 - 2.5 mm ²
operating temperature min.	-20 °C
operating temperature max.	65 °C

classification

ECLASS 11	
ECLASS 8.1	27210120
ETIM 9.0	EC002653
ETIM 8.0	EC002653
ETIM 7.0	EC002653
ETIM 6.0	EC002653
ETIM 5.0	EC002653
ETIM 4.0	EC002653

product compliance

ROHS conformity status	compliant
REACH-SVHC conformity status	compliant



Weitergabe sowie Vervielfältigung dieses Dokuments, Verwertung und Mitteilung
 seines Inhalts sind verboten, soweit nicht ausdrücklich gestattet.
 The reproduction, distribution and utilization of this document as well as the
 communication of its contents to others without express authorization is prohibited.



Qu - PEE 12/92

Teile-Nr. / Part.-No.	Typ / Type
82.003.0110.0	cores C1 UI-B
82.003.0120.0	cores C1 PT-B
82.003.0130.0	cores C1 TCB

Weitere Angaben siehe KATALOG oder eKatalog.
 Additional data see CATALOG or eCatalog.

www.wieland-electric.com
eshop.wieland-electric.com

ja/yes Stoffverbots- und Deklarationsliste nach WN 5020.010 ist einzuhalten.
 Conformity with Wieland document WN 5020.010 e (list of prohibited / declarable hazardous substances) to be declared!

Freitoleranz nach General tolerance		CAD-Zeichnung, keine manuellen Änderungen CAD-Drawing, no manual modifications allowed			1. Verwendung: First Use:		Blatt: Sheet:		
 Maßstab/Scale		Werkstoff/ Material		2016	Tag/ Date	Name		Zeichnung Nr./ Drawing No.	
				gezeichnet drawn	22.02.	Koetzner		T 82.003.0110.0 01K Maße in mm/Dimensions are in mm	
				geprüft checked					
				Normgepr. Stand. check					
		Datei/ File: 038361__01K.DCD			Ersatz für/ Replacement for:				
		 wieland www.wieland-electric.com		Type		Benennung/ Title		Teilespezifikation / Component specification	
Index								Converter	
Datum/ Blatt Date/ Sheet									
Änderung/ Revision									

A
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
M1
M2
M3
L
G
i
11.1
12.1
1.1