

Data sheet

Commercial Art.No.: 82.003.0120.0

analogue isolation amplifier cores C1 PT-B

cores C1 PT-B, analog converter, 3-way electrical isolation 1.5kV, input signal: PT100 in 2-/3-/4-wire connection, -150 ... +650°C; output signal: 0/1...5V DC or 0...10V DC or 10...0V 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.	82.003.0120.0
EAN	4049088153174
Order Unit	1

certificates / approvals



Technical data

technical data

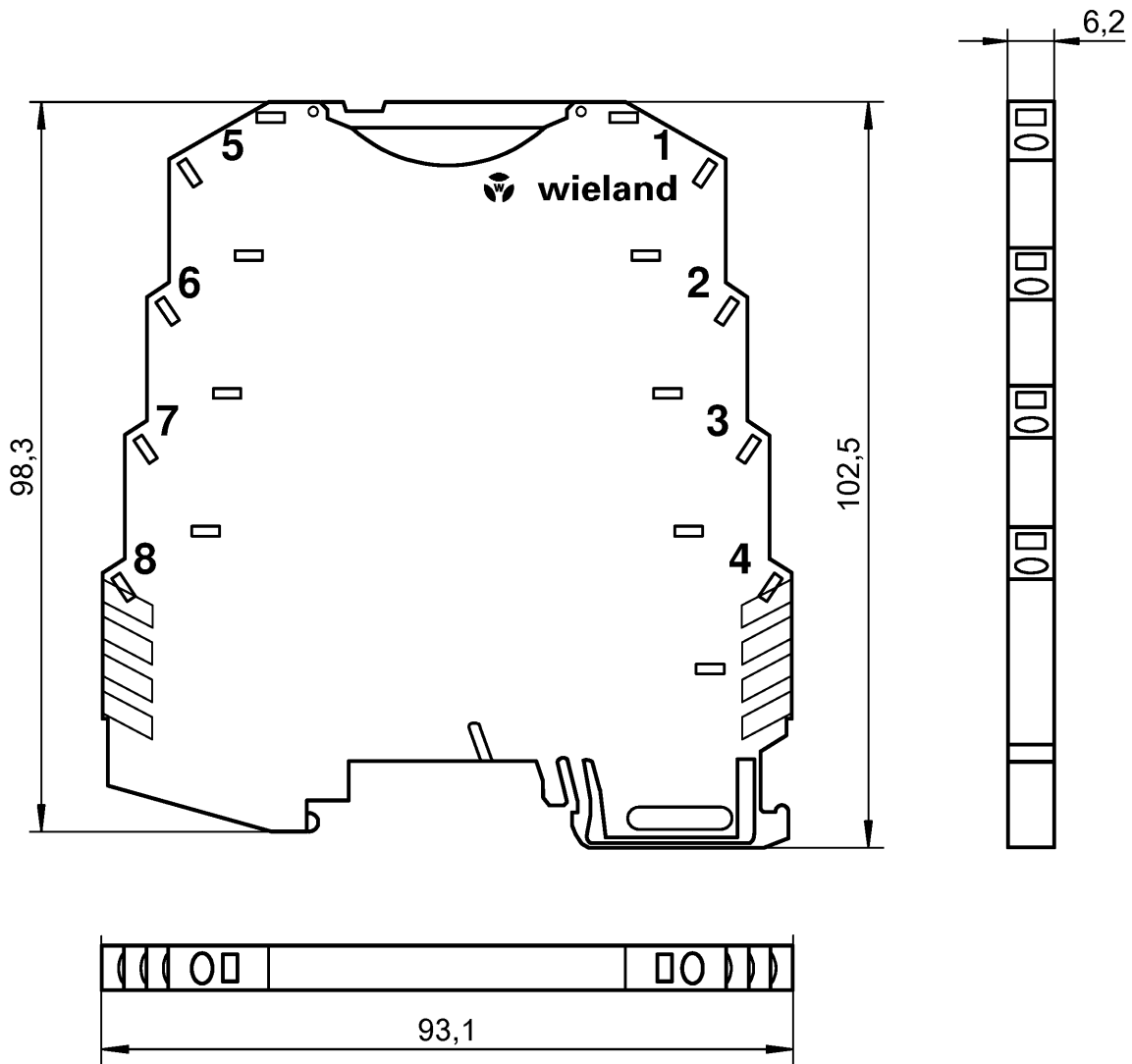
input range (adjustable)	PT100 with 2-, 3- or 4 wire connection, -150 ... +650 °C
output range (adjustable)	0/1 ... 5 V DC or 0 ... 10 V; 10 ... 0 V DC 0/4 ... 20 mA DC or 20 ... 4/0 mA DC
galvanic isolation	yes, 3 way isolation
isolation voltage	1500 V
accuracy	<0.1%, 14 Bit resolution
input voltage 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



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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:		
		Werkstoff/ Material		2016	Tag/ Date	Zeichnung Nr./ Drawing No.			
				gezeichnet drawn	22.02.				Name
Maßstab/Scale				geprüft checked		T 82.003.0110.0 01K			
				Normgepr. Stand. check					
Datei/ File: 038361__01K.DCD				Ersatz für/ Replacement for:					
Index				Type	Benennung/ Title		Teilespezifikation / Component specification		
				www.wieland-electric.com		Converter			
Änderung/ Revision		Datum/ Blatt Date/ Sheet							

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