

## Data sheet

Commercial Art.No.: 82.003.0110.0

analogue isolation amplifier cores C1 UI-B

cores C1 UI-B, analog converter, 3-way electrical isolation 1.5kV; input signal: 0/1...5V DC or 0/2...10V DC, 0/4...20mA DC; output signal: 0/1...5V DC or 0/2...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.	82.003.0110.0
EAN	4049088152863
Order Unit	1

certificates / approvals



## Technical data

### technical data

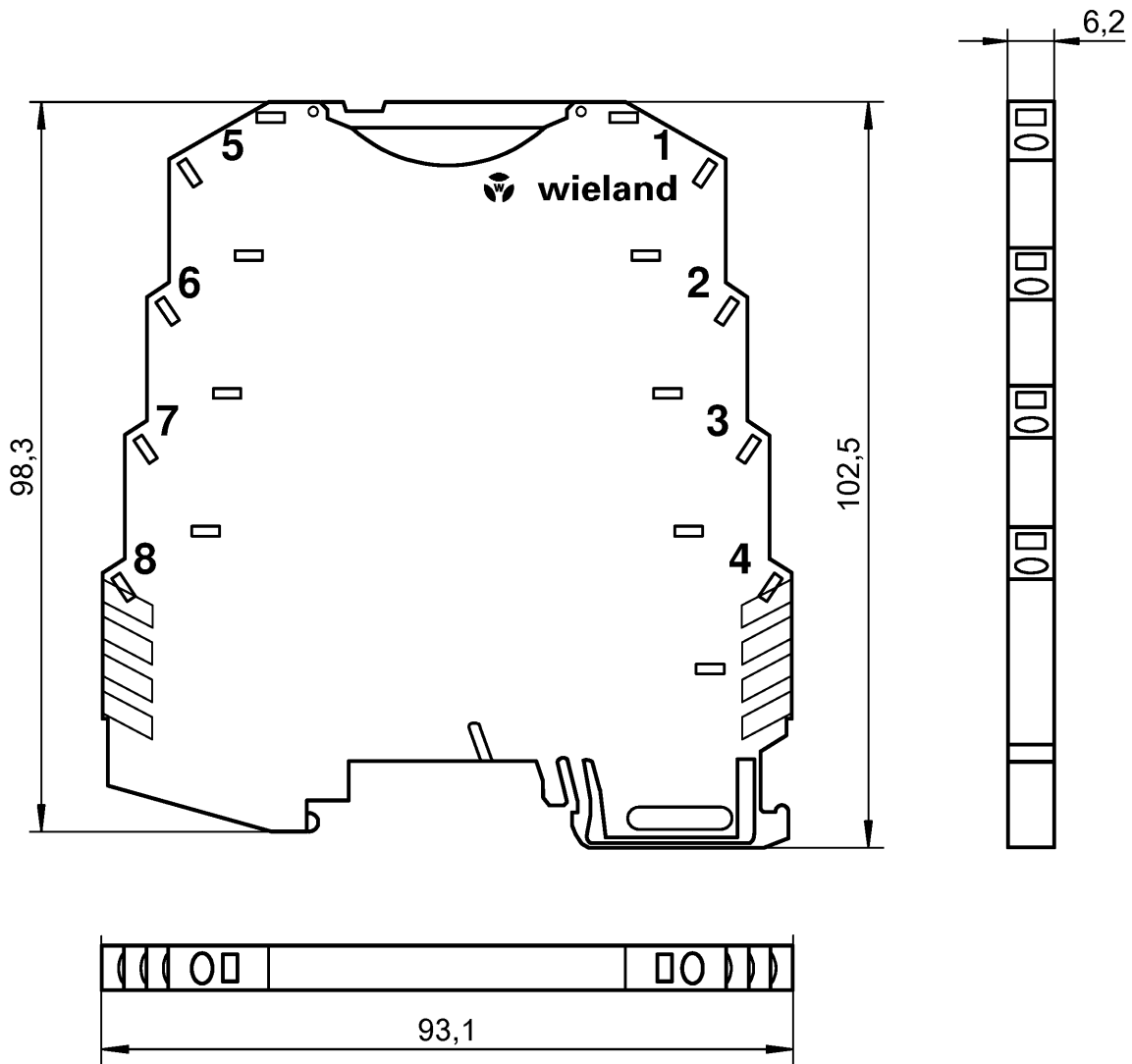
input range (adjustable)	0/1 ... 5 V DC oder 0/2 ... 10 V DC, 0/4 ... 20 mA DC
output range (adjustable)	0/1 ... 5 V DC or 0/2 ... 10 V DC, 0/4 ... 20 mA DC or 20 ... 4/0 mA DC activ or passiv
galvanic isolation	yes, 3 way isolation
isolation voltage	1500 V
accuracy	<0.1%, 14 Bit resolution
input voltage 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 <sup>2</sup>
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](http://www.wieland-electric.com)  
[eshop.wieland-electric.com](http://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	Name			
		Maßstab/Scale		gezeichnet drawn	22.02.	Koetzner			
				geprüft checked					
				Normgepr. Stand. check					
Datei/ File: 038361__01K.DCD				Ersatz für/ Replacement for:					
		 www.wieland-electric.com		Type	Benennung/ Title		Teilespezifikation / Component specification		
Index				Datum/ Blatt Date/ Sheet				Converter	
Änderung/ Revision									

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