

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

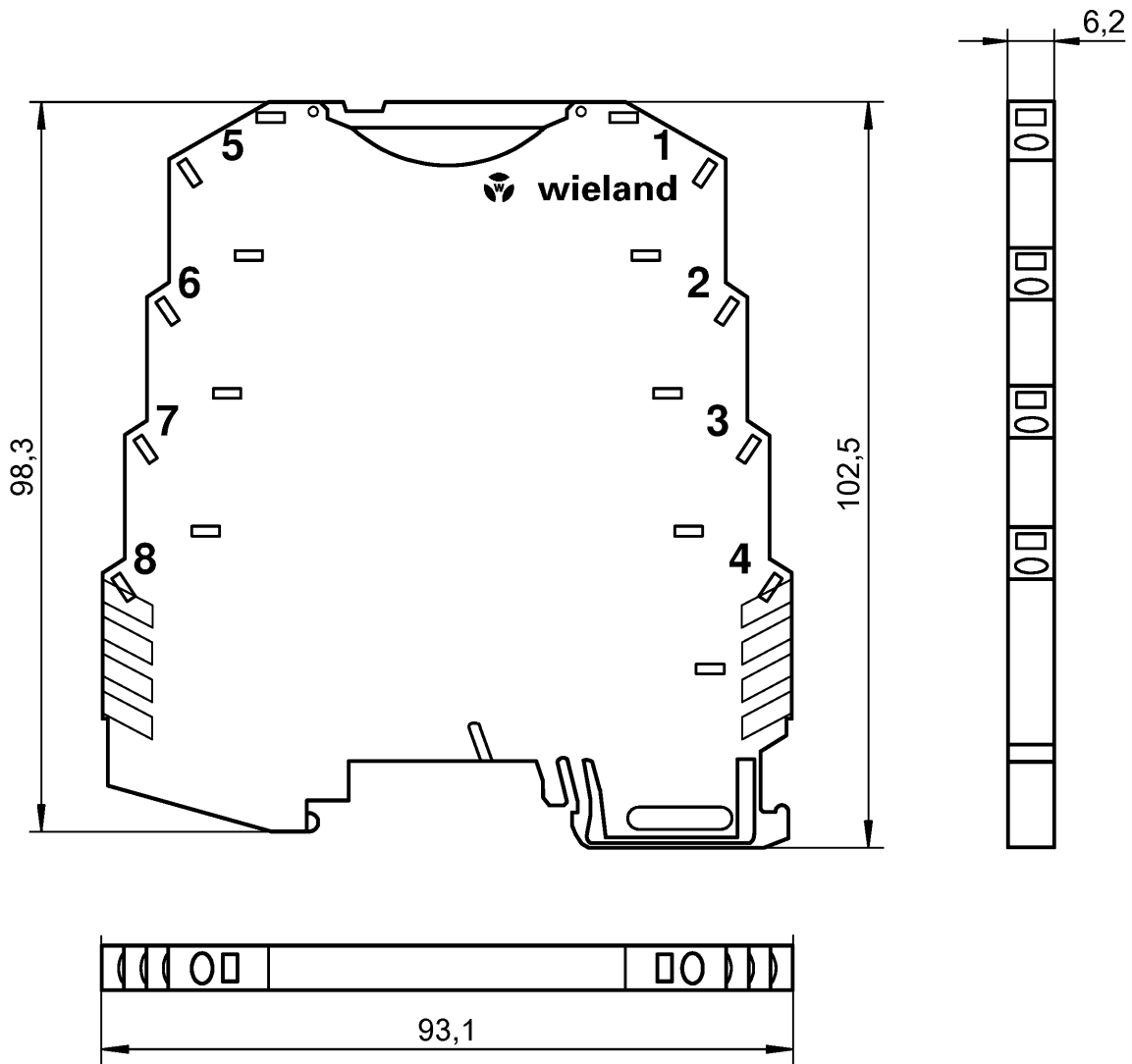
input range (adjustable)	0/1 ... 5 V DC oder 0/2 ... 10 V DC, 0/4 ... 20 mA DC
output range (adjustable)	0/1 ... 5 V DC or 0/2 ... 10 V DC, 0/4 ... 20 mA DC or 20 ... 4/0 mA DC activ or passiv
galvanic isolation	yes, 3 way isolation
isolation voltage	1500 V
accuracy	<0.1%, 14 Bit resolution
input voltage 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 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 gezeichnet drawn 22.02.		Name Koetzner		Zeichnung Nr./ Drawing No. T 82.003.0110.0 01K		
Maßstab/Scale		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 Converter		
Index		Datum/ Blatt Date/ Sheet		Änderung/ Revision				

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