

Data sheet:

## PCI card 2x 20mA, 1kV isolated



Article no.: 13411

**EUR 238.00**

\*Net price for commercial users

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Sample order

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Drivers

Manual

Two additional TTY ports with galvanic isolation

The PC Card 13411 adds to independent 20mA ports with galvanic isolation to your PC. Any two non-isolated serial interfaces can be implemented using the additional TTL ports.

### Properties

#### Interfaces:

- **2x 20mA interface**
- **2x serial TTL interface without galvanic isolation**
  - usable with W&T interface modules as RS232, RS422, RS485 or 20mA interfaces
- **1x 32-bit PCI bus**
  - for [5V PCI systems](#)
  - Cards for [3.3V PCI systems on request](#)
- **Galvanic isolation between PC, Port 1 and Port 2**
  - Isolation voltage 1kV

#### Management and connectivity:

- **4 x UART 16950 with 128-byte FIFO**
- **Plug-and-play: automatic configuration of base address and interrupt**
- **Includes drivers for Windows 9x/NT4.0/2000/XP/2003/Vista/2008/7/2008R2/8.1/2012R2/10/2016**

#### Standards & more

- **Conforms to standards both in office and industrial environments:**
  - High noise resistance for industrial environments
  - Low noise emission for residential and business areas
- **5 year guarantee**

♥ Wish for something!  
Your suggestions for improvement and additions

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### Worth knowing

In addition to the nominal interfaces, all serial W&T PCI cards provide additional serial TTL ports which can use interface modules to be converted into a standard port of any type.

These optional ports do not however have galvanic isolation between each other or to the PC.

The additional interface modules are connected to the interface card using flat cable and attached to a slot bracket in the PC housing. Both components can be ordered from W&T as a separate accessory.

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### Technical data

#### Connections and displays:

System bus: 32-bit PCI bus / 33MHz / Universal Voltage  
Serial port: 2x 20mA interface  
9-pin SUB-D adapter  
2x non-isolated serial TTL ports  
12-pin header with 2mm spacing  
Operating modes: 20mA selectable active/passive mode  
Maximum baud rate: 57600 baud  
Data format: any format  
Signals: RxD, TxD  
Handshake: No, Xon/Xoff  
UART: 16950 with 128-byte FIFO  
Galvanic isolation: Isolation voltage min. 1kV DC  
between PC and the serial ports 1 and 2  
Supply voltage: 5V DC, 12V DC  
Current consumption: typ. 200mA @ 5V  
typ. 100mA @ 12V

#### Housing and other data:






Dimensions: 134 x 120mm (W x H)  
Enclosure rating: IP00  
Weight: approx. 105g  
Ambient temperature: Storage: -40..+70°C  
Operating: 0..+70°C  
Permissible relative humidity: 5..95% RH, non-condensing  
Scope of delivery: PCI Card 2x 20mA  
Quick start manual  
product CD with manual, German/English

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#### Accessories

\*Net unit price for  
commercial users

#### Additive modules

RS232/RS422/RS485 interface module, 5V technology	18813	55.00€	
RS232 DTE interface module	18811	41.00€	
20mA interface module (5V and 12V)	18411	55.00€	
RS422/RS485 interface module	18611	55.00€	
Profibus interface module	18612	49.00€	

#### Mechanical Accessories

Port 3/4 additional slot plate with cable	13013	17.00€	
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\* Our offering is intended only for commercial users. We will be happy to refer private end customers to trading partners through whom our products can be purchased.



We are available to you in person:

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