

■ **Isolated digital PCI-Input-Output-Card IO 1388**

Features of the card

- 16 / 32 Isolated Digital Poweroutputs, 8 - 30 V, 1 A, Short Circuit Protected
- 16 / 32 Isolated Digital Inputs, 5 V, 24 V or Custom Input Voltage
- Programmable Timer
- Programmable Watchdog
- PCI 2.2

Outputs

- 16 / 32 isolated Outputs
- 8 - 30 V each 1 A, short circuit protected

Inputs

- 16 / 32 isolated Inputs
- 5V, 24 V or custom input voltage
- Input Resistance > 10 k Ω

Interrupts

- For each input separately programmable to rising and/or falling edge

Timer

- Timing driven recording of inputs
- Interval programable 1 μs to > 3 sekonds

Watchdog

- Outputs will be set to programmable value on system or program crashes
- Watchtime programable 1 ms to > 65 seconds

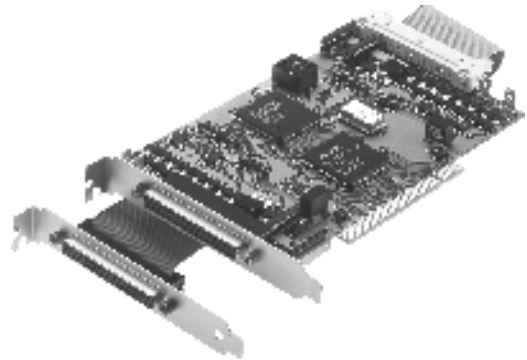
Software

- Driver and DLL for Windows 9x/ME
- Driver and DLL for Windows NT4.0/2000/XP
- Example-program for Delphi
- Example-program for VisualBasic
- Example-program for VisualC++

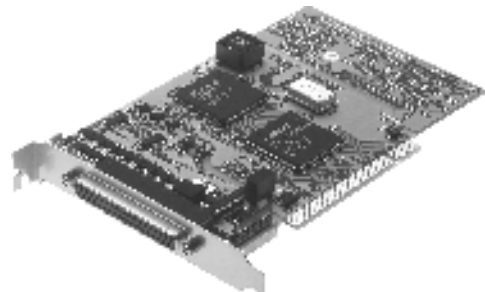
Ordering Information

IO1388/	x/	xx
		Input Voltage
		05 Input Voltage 5 V
		24 Input Voltage 24 V
		Number of ports
	0	16 Inputs / 16 Outputs
	1	32 Inputs / 32 Outputs (flat-cable included)

Example: IO 1388/1/05 = 32 Inputs / 32 Outputs
5 V input voltage



IO 1388/1/xx



IO 1388/0/xx

Technical Specifications

Inputs	: 16 / 32 Inputs isolated
Input voltage	: 5 V , 24 V or custom specific
Input resistance	: > 10 kΩ
Outputs	: 16 / 32 Outputs isolated, high-side
Output current	: max. 1 A
Output voltage	: 8 - 30 V DC
Connector	: 1 / 2 37-pol. DB37-female
EMV	: EMV-conform with 89/336/EWG
Operating temperature	: 0 - 50 °C
Dimensions	: 190x107 mm

Accessories

- **KIO 1388-1**
For IO 1388/0/xx if overall current (for 16 outputs) exceeds 10 A.
For IO 1388/1/xx if overall current (for 16 outputs) of the flat-cable exceeds 2 A.
- **KIO 1388-2**
For IO 1388/1/xx if overall current exceeds 2 A for the flat-cable and 10 A for the D-type connector.