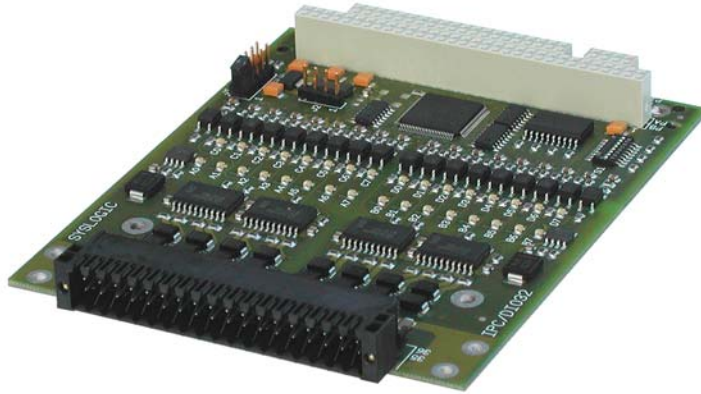


# Digital I/O Module - based on PC/104 Standard

## IPC/DIO32-2AE



- Galvanic Isolation
- Overvoltage protected
- Overload protected
- Short-circuit protected
- Automatic Thermal Shut-off
- Extended temperature



### Digital Inputs / Outputs

#### Digital Inputs

- 16 Digital Current Sinking 24Vdc Inputs
- -10Vdc ... +10Vdc Input "0"
- +15Vdc ... +30Vdc Input "1" (max. 5mA)
- 0 ... 2kHz Input Frequency

#### Digital Outputs

- 16 Digital Current Sourcing 24Vdc Outputs (High Side Switch)
- 19Vdc ... 31Vdc Process Voltage
- 1A /Channel Output Current
- 300mA /Channel when all Channel "on"
- 4.8A Output Current / Group
- 1500W Transient Overvoltage Protection
- Overload and Short-Circuit Protection
- Automatic Thermal Overload Shut-Off

#### Galvanic Isolation

- 2500Vrms Process to Logic

#### Process Connector

- Weidmüller Plug and Screw Clamp

### Power Supply

#### Supply Voltage

- 4.75Vdc ... 5.25Vdc (nom. 5Vdc)
- Transient Overvoltage Protection

#### Power Consumption

- max. 200mA (5Vdc, all In/Outputs "on")

#### Board Size

- 100 x 125 mm  
Non standard PC/104 mech. dimensions

### Order Information

#### Standard Temperature Range 0°C to +70°C

- Order Code: IPC/DIO32-2A

#### Extended Temperature Range -40°C to +85°C \*\*\*

- Order Code: IPC/DIO32-2AE

\*\*\* Real extended temperature range on component level