

# Berthel

## DIO16AI402 / AI1204

By the consequent utilisation of the available resources a multitude of I/Os could be attained in a compact manner and at an unparalleled, reasonable price.

Because of the Berthel Automode a connection without any CAN knowledge is possible in case of Berthel control systems. But also other PLCs with a CANopen master can be operated by the Berthel CAN slaves.



### Data DIO16AI402

#### General

- |   |  |
|---|--|
| • Power supply:                             | 24 V DC (18 - 36 V DC)                     |
| • Dimensions:                               | 120 x 105 x 50 mm (W x H x D)              |
| • Weight:                                   | 300 g                                      |
| • Operating temperature range:              | 0 ... +50° C                               |
| • Storage/transportation temperature range: | -30 ... +80° C                             |
| • Humidity:                                 | 25 - 85 % relative humidity                |
| • CE certification:                         | according to EN 61000-6-2 and EN 61000-6-4 |
| • Place of manufacture:                     | Made in Germany                            |

#### Inputs

- 16 digital inputs 24V DC
- 4 analogue inputs 10 bits, 0 ... 10 V or 0 (4)... 20 mA

#### Outputs

- 16 digital outputs 24 V DC / 0,5 A
- 2 analogue outputs (10 bits, + / - 10 V)

### Daten AI1204

#### General

- |   |  |
|---|--|
| • Power supply:                             | 24 V DC (18 - 36 V DC)                     |
| • Dimensions:                               | 70 x 105 x 50 mm (W x H x D)               |
| • Weight:                                   | 250 g                                      |
| • Operating temperature range:              | 0 ... +50° C                               |
| • Storage/transportation temperature range: | -30 ... +80° C                             |
| • Humidity:                                 | 25 - 85 % relative humidity                |
| • CE certification:                         | according to EN 61000-6-2 and EN 61000-6-4 |
| • Place of manufacture:                     | Made in Germany                            |

#### Inputs

- 12 analogue inputs 12 bits
- Measurement ranges: 0 .. 10 V / 0 (4) ... 20 mA / Pt100 / Pt1000 / Ni 100 / Ni 1000 adjustable via software

#### Outputs

- 4 analogue outputs 12 bits
- Measurement ranges: 0 .. 10 V / 0 (4) ... 20 mA

## Special requests?

Berthel already makes economic solutions specified by client for their special requirements in case of small ranges possible. Send your request for a concept free of charge!