

CUBE20 BN-PNIO DI8

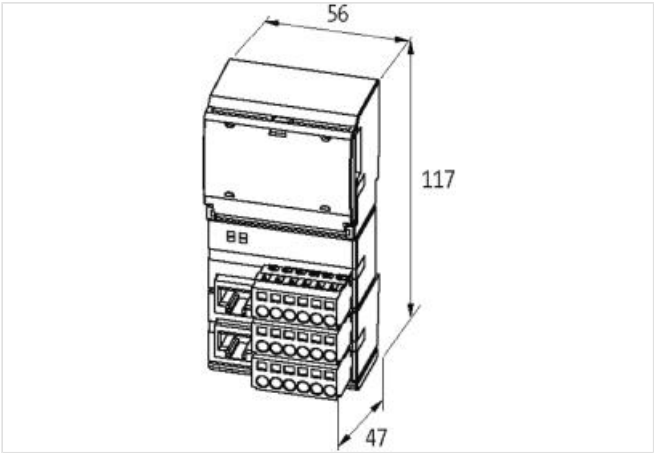
Bus nodes  
DI8 - (BN-PNIO)  
PROFINET IO  
Connection cables are in the online shop under "Connection Technology".

[Link naar het product](#)

Afbeelding



Product van afwijken van afbeelding



Commerciële gegevens

|                      |               |
|----------------------|---------------|
| ECLASS-6.0           | 27242604      |
| ECLASS-6.1           | 27242608      |
| ECLASS-7.0           | 27242608      |
| ECLASS-8.0           | 27242608      |
| ECLASS-9.0           | 27242608      |
| ECLASS-10.1          | 27242608      |
| ECLASS-11.1          | 27242608      |
| ECLASS-12.0          | 27242608      |
| ETIM-5.0             | EC001604      |
| Douane tarief nummer | 85176200      |
| GTIN                 | 4048879049481 |
| Verpakkingseenheid   | 1             |

Electrical data | Supply

|                          |            |
|--------------------------|------------|
| Operating voltage DC     | 24 V       |
| Norm operating voltage   | EN 61131-2 |
| Operating voltage US DC  | 24 V       |
| Current consumption max. | 150 mA     |
| Total current UA max.    | 4 A        |
| Total current US max.    | 4 A        |

Electrical data | Input

|                   |                  |
|-------------------|------------------|
| Type input        | PNP (EN 61131-2) |
| Input filter time | 1 ms             |

|                                |       |
|--------------------------------|-------|
| Current carrying capacity max. | 0,7 A |
|--------------------------------|-------|

**Industrial communication**

|                           |          |
|---------------------------|----------|
| Machine Option Management | yes      |
| Supported protocol        | PROFINET |

**Industrial communication | Bus data**

|                            |            |
|----------------------------|------------|
| Address range outputs max. | 1024 Bytes |
| Address range inputs max.  | 1024 Bytes |

**Industrial communication | Profinet**

|                            |      |
|----------------------------|------|
| PROFINET addressing        | DCP  |
| PROFINET conformance class | B    |
| PROFINET specification     | V2.2 |

**Diagnostics**

|                         |                                  |
|-------------------------|----------------------------------|
| Diagnostic              | Under voltage                    |
| Diagnostic via BUS      | per module and channel           |
| Diagnostic via LED      | per module                       |
| Short circuit diagnosis | yes                              |
| LED display             | Ethernet connection/data traffic |
| Overload diagnosis      | yes                              |

**Installation**

|                               |                     |
|-------------------------------|---------------------|
| Connection cross section max. | 2,5 mm <sup>2</sup> |
|-------------------------------|---------------------|

**Installation | Pin assignment**

|                 |       |
|-----------------|-------|
| Terminal row X2 | Input |
| Terminal row X3 | Input |

**Device protection | Electrical**

|                                         |      |
|-----------------------------------------|------|
| Degree of protection (EN IEC 60529)     | IP20 |
| Galvanic separation (operating voltage) | yes  |
| Galvanic separation input/output        | yes  |

**Mechanical data**

|                               |    |
|-------------------------------|----|
| Number extension modules max. | 15 |
|-------------------------------|----|

**Mechanical data | Mounting data**

|                            |                           |
|----------------------------|---------------------------|
| Mounting method            | geschnappt                |
| Suitable for mounting type | mounting rail, (EN 60715) |
| Height                     | 117 mm                    |
| Width                      | 56 mm                     |
| Depth                      | 47 mm                     |

**Environmental characteristics | Climatic**

|                            |        |
|----------------------------|--------|
| Operating temperature min. | 0 °C   |
| Operating temperature max. | 55 °C  |
| Storage temperature min.   | -20 °C |
| Storage temperature max.   | 85 °C  |

**Connection type 4**

|                          |             |
|--------------------------|-------------|
| Connection type 1        | Ethernet In |
| Connection type 2        | X0          |
| Connection type 3        | X1          |
| Connection type 4        | X2          |
| Family construction form | RJ45        |
| Gender                   | female      |
| Color contact carrier    | black       |
| No. of poles             | 8           |
| PIN 1                    | TD +        |

|                          |                           |
|--------------------------|---------------------------|
| PIN 2                    | TD -                      |
| PIN 3                    | RD +                      |
| PIN 4                    | n.c.                      |
| PIN 5                    | n.c.                      |
| PIN 6                    | RD -                      |
| PIN 7                    | n.c.                      |
| PIN 8                    | n.c.                      |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | colorless                 |
| No. of poles             | 6                         |
| PIN 1                    | 0 V                       |
| PIN 2                    | 0 V                       |
| PIN 3                    | UB                        |
| PIN 4                    | UB                        |
| PIN 5                    | UI                        |
| PIN 6                    | UI                        |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | colorless                 |
| No. of poles             | 6                         |
| PIN 1                    | DI 0                      |
| PIN 2                    | DI 1                      |
| PIN 3                    | DI 2                      |
| PIN 4                    | DI 3                      |
| PIN 5                    | US                        |
| PIN 6                    | 0 V                       |
| Connection               | Spring clamp terminals FK |
| Family construction form | terminal                  |
| Gender                   | female                    |
| Color contact carrier    | colorless                 |
| No. of poles             | 6                         |
| PIN 1                    | DI 4                      |
| PIN 2                    | DI 5                      |
| PIN 3                    | DI 6                      |
| PIN 4                    | DI 7                      |
| PIN 5                    | 0 V                       |
| PIN 6                    | 0 V                       |