

## CUBE20 BUS NODE PROFIBUS-DP

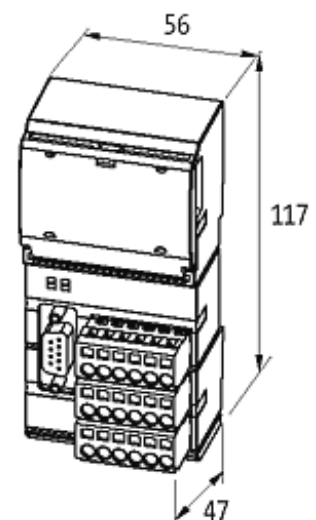
8 digital inputs

Bus Nodes  
DI8 - (BN-P)  
PROFIBUS DP

For connection cables please see chapter "Connection Technology"

### [Link to Product](#)

#### Illustration



Product may differ from Image

#### Approvals



### More Info



### Input

Sensor supply US	24 V DC (EN 61131-2), max. 700 mA per module
Type	PNP (EN 61131-2)
Input filter	1 ms
Galvanic isolation	500 V DC between I/O and system electronics

### Connections

Fieldbus	SUB-D9 (female)
Sensor-system/actuator supply	4 × Spring clamp terminals, max. 2.5 mm <sup>2</sup> (max. 12 A)
I/O ports	8 × Spring clamp plug-in terminals, max. 2.5 mm <sup>2</sup>

### Fieldbus

Operating modes	Sync- and freeze mode are supported
Transfer rate	to 12 Mbit/s
Addressing	Rotary switch 1...99
I/O capacity	with modular expandability by up to 15 Cube-modules

### General data

Protection	IP20
Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+55 °C (storage temperature -20...+85 °C)
Dimensions H × W × D	117×56×47 mm

### Parameterization

Terminal row X2 (4 channels)	Input
Terminal row X3 (4 channels)	Input

### Module Supply

Operating voltage	24 V DC (EN 61131-2)
Sensor-system/actuator supply	via terminal UB
Current consumption	max. 150 mA

### Diagnostic

Communication status	per LED and BUS
Diagnostic via LED	per module
Diagnostic via BUS	per module and channel

Monitoring - under voltage	yes
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Monitoring - no voltage	no
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Short circuit and overload	yes
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**Commercial data**

country of origin	DE
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customs tariff number	85176200
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minimum order quantity	1
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