

**CUBE20 BUS NODE PROFIBUS-DP**

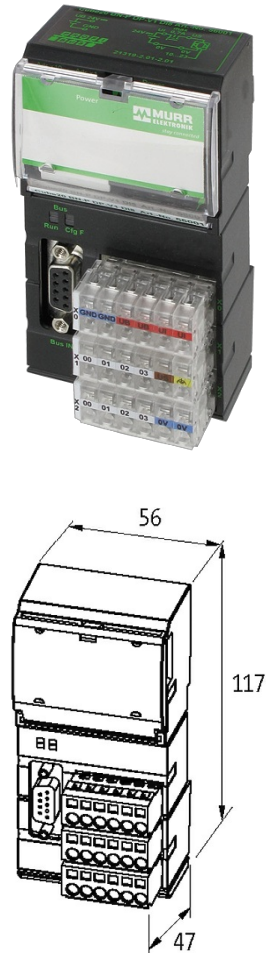
8 digital inputs

Bus nodes

DI8 - (BN-P)

PROFIBUS DP

Connection cables are in the online shop under "Connection Technology".

**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	PROFIBUS 12 Mbit/s; SUB-D9
Sensor-system/actuator supply	4× spring clamp plug-in terminals, max. 2.5 mm <sup>2</sup> (max. 12 A)
Internal system connection	4× spring clamp plug-in 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>

#### 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

#### Module supply

Operating voltage	24 V DC (EN 61131-2)
Current consumption	max. 150 mA

#### PROFIBUS

Addressing	Rotary switch 0...99
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#### Cube system

Module capacity	max. 15
I/O capacity	max. 244 Byte (Input), max. 244 Byte (Output)
Machine Option Management	yes

#### Parameterization

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

#### Diagnostic

Communication status	via LED and BUS
Diagnostic via LED	per module
Diagnostic via BUS	per module and channel
Monitoring - under voltage	yes
Monitoring - no voltage	no
Short-circuit and overload	yes

#### Commercial data

country of origin	DE
customs tariff number	85176200
EAN	4048879049504
eClass	27242604
Packaging unit	1