

CUBE20 BUS NODE PROFIBUS-DP

8 digital inputs

Bus nodes

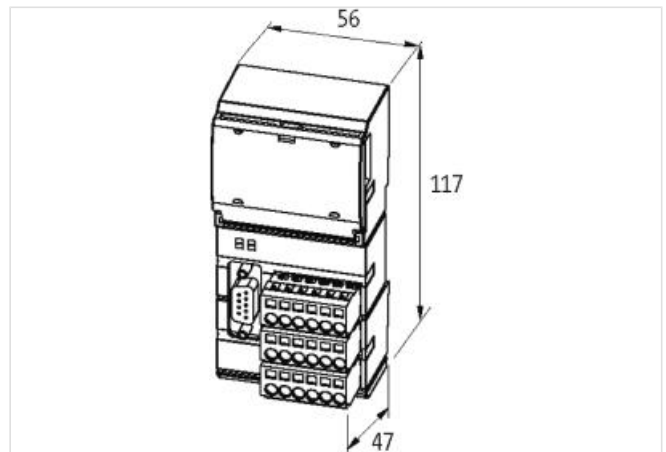
DI8 - (BN-P)

PROFIBUS DP

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

[Link to Product](#)**Illustration**

Product may differ from Image

**General data**

Mounting method	DIN-rail mountable (EN 60715)
Temperature range	0...+55 °C (storage temperature -20...+85 °C)
Protection	IP20
Dimensions HxWxD	117x56x47 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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Input

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

Cube system

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

Parameterization

The information in this brochure has been compiled with the utmost care.

Liability for the correctness completeness and topicality of the information is restricted to gross negligence. Version: 2022-11-13

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

Fieldbus	PROFIBUS 12 Mbit/s; SUB-D9
Sensor-system/actuator supply	4× spring clamp plug-in terminals, max. 2.5 mm ² (max. 12 A)
I/O ports	8× spring clamp plug-in terminals, max. 2.5 mm ²
Internal system connection	4× spring clamp plug-in terminals, max. 2.5 mm ² (max. 12 A)

Product article number of manufacturer	56001
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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