



SIMATIC DP, RS485 repeater For connection of PROFIBUS/MPI bus systems with max. 31 nodes max. baud rate 12 Mbit/s, Degree of protection IP20 Improved user handling

Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, max.	100 mA; 100 mA without loads at PG/OP socket; 130 mA load at PG/OP socket (5 V/90 mA); 200 mA load at PG/OP socket (24 V/100 mA)
Power loss	
Power loss, typ.	0.7 W
Interfaces	
PROFIBUS DP	
• Transmission rate, max.	12 Mbit/s; 9.6 kbit/s to 12 Mbit/s
Degree and class of protection	
IP degree of protection	IP20
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	60 °C
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Relative humidity	
• Operation, max.	95 %; at 25 °C
connection method	
Design of electrical connection for supply voltage	Terminal module
Design of electrical connection for PROFIBUS cables	2 terminal blocks
Dimensions	
Width	45 mm
Height	128 mm
Depth	59.3 mm
Weights	
Weight, approx.	350 g

last modified: 8/21/2023 



SIMATIC S7, Diagnostic repeaters for PROFIBUS DP, for online diagnostics of the PROFIBUS cable, DP standard slave up to 12 Mbit/s, Degree of protection IP20, FastConnect connection method

Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Power loss	
Power loss, typ.	4 W
Interfaces	
PROFIBUS DP	
• Transmission rate, max.	12 Mbit/s; 9.6 kbit/s to 12 Mbit/s
Degree and class of protection	
IP degree of protection	IP20
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	60 °C
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Relative humidity	
• Operation, max.	95 %; at 25 °C
connection method	
Design of electrical connection for supply voltage	Terminal module
Design of electrical connection for PROFIBUS cables	FastConnect insulation displacement, 10 clamping cycles possible
Dimensions	
Width	80 mm
Height	125 mm
Depth	67.5 mm
Weights	
Weight, approx.	300 g

last modified: 8/16/2023 

### product type designation

product description



### PROFIBUS connector

PROFIBUS bus connector, RS 485, screw, without programming port, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, 15.8x 64x 35.6 mm (WxHxD), terminating resistor with isolating function, without PG socket

suitability for use

For connecting PROFIBUS stations to the PROFIBUS bus cable

### transfer rate

transfer rate / with PROFIBUS DP

9.6 kbit/s ... 12 Mbit/s

### interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Screw
- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect

No

### mechanical data

design of terminating resistor

Resistor combination integrated and connectable via slide switch

material / of the enclosure

plastic

locking mechanism design

Screwed joint

### design, dimensions and weights

type of cable outlet

90 degree cable outlet

width

15.8 mm

height

64 mm

depth

35.6 mm

net weight

36 g

### ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free Yes

product component

- PG connection socket No
- strain relief Yes

### standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes
- UL approval Yes

reference code

- according to IEC 81346-2

XG

#### further information / internet links

internet link

- to website: Selection guide for cables and connectors

<https://sie.ag/2QdlxcP>

**last modified:**

8/16/2023 

### product type designation

product description



### PROFIBUS connector

PROFIBUS bus connector, RS 485, Fast Connect, without programming port, 30°

SIMATIC DP, bus connection plug f. PROFIBUS w. inclined cable outlet, max. 1.5 Mbaud, insulation displacement method, 15x 57.6x 39.5 mm (WxHxD), without bus terminating resistor and programming device socket

suitability for use

For connecting PROFIBUS stations to the PROFIBUS bus cable

### transfer rate

transfer rate / with PROFIBUS DP

9.6 kbit/s ... 1.5 Mbit/s

### interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Integrated insulation displacement terminals for 2-core PB FC installation cables
- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect

Yes

### mechanical data

design of terminating resistor

No integrated terminating resistor

material / of the enclosure

plastic

locking mechanism design

Screwed joint

### design, dimensions and weights

type of cable outlet

30 degree cable outlet

width

15 mm

height

57.6 mm

depth

39.5 mm

net weight

30 g

### ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free Yes


product component

- PG connection socket No
- strain relief Yes

### standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes
- UL approval Yes

reference code	XG
• according to IEC 81346-2	
<b>further information / internet links</b>	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
<b>last modified:</b>	1/20/2023 

### product type designation

product description



### PROFIBUS connector

PROFIBUS bus connector, RS 485, screw, without programming port, 35°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s with inclined cable outlet, 15.8x 54x 39.5 mm (WxHxD), terminating resistor with isolating function, without PG socket

suitability for use

For connecting PROFIBUS stations to the PROFIBUS bus cable

### transfer rate

transfer rate / with PROFIBUS DP

9.6 kbit/s ... 12 Mbit/s

### interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Screw
- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect

No

### mechanical data

design of terminating resistor

Resistor combination integrated and connectable via slide switch

material / of the enclosure

plastic

locking mechanism design

Screwed joint

### design, dimensions and weights

type of cable outlet

35 degree cable outlet

width

15.8 mm

height

54 mm

depth

39.5 mm

net weight

29 g

### ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free Yes

product component

- PG connection socket No
- strain relief Yes

### standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes
- UL approval Yes

reference code

- according to IEC 81346-2

XG

#### further information / internet links

internet link

- to website: Selection guide for cables and connectors

<https://sie.ag/2QdlxcP>

**last modified:**

8/16/2023 



### product type designation

product description



### PROFIBUS connector

PROFIBUS bus connector, RS 485, Fast Connect, without programming port, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, Insulation displacement method FastConnect, without PG socket 15.8x 59x 35.6 mm (BxHxD)

suitability for use

For connecting PROFIBUS stations to the PROFIBUS bus cable

### transfer rate

transfer rate / with PROFIBUS DP

9.6 kbit/s ... 12 Mbit/s

### interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Integrated insulation displacement terminals for 2-core PB FC installation cables
- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect

Yes

### mechanical data

design of terminating resistor

Resistor combination integrated and connectable via slide switch

material / of the enclosure

plastic

locking mechanism design

Screwed joint

### design, dimensions and weights

type of cable outlet

90 degree cable outlet

width

15.8 mm

height

59 mm

depth

35.6 mm

net weight

36 g

### ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free Yes


product component

- PG connection socket No
- strain relief Yes

### standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes
- UL approval Yes

reference code	
• according to IEC 81346-2	XG
<b>further information / internet links</b>	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
<b>last modified:</b>	8/16/2023 




SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbps 90° cable outlet, 15.8x 59x 35.6 mm (WxHxD), Insulation displacement method FastConnect, without PG socket 100 units 6ES7972-0BA52-0XA0 per packing unit

Figure similar

General information	
Product type designation	PROFIBUS connector
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	60 °C
Mechanics/material	
Design of housing	plastic
Dimensions	
Width	15.8 mm
Height	59 mm
Depth	35.6 mm
Weights	
Weight, approx.	10 g

last modified: 8/16/2023 

<b>product type designation</b>	<b>PROFIBUS connector</b>
product description	PROFIBUS bus connector, RS 485, Fast Connect, without programming port, 35° SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 35 degree cable outlet, Insulation displacement method FastConnect, without PG socket 15.8x 54x 39.5 mm (BxHxD)
suitability for use	For connecting PROFIBUS stations to the PROFIBUS bus cable
<b>transfer rate</b>	
transfer rate / with PROFIBUS DP	9.6 kbit/s ... 12 Mbit/s
<b>interfaces</b>	
number of electrical connections	2
<ul style="list-style-type: none"> <li>for PROFIBUS cables</li> <li>for network components or terminal equipment</li> </ul>	1
type of electrical connection	Integrated insulation displacement terminals for 2-core PB FC installation cables
<ul style="list-style-type: none"> <li>for PROFIBUS cables</li> <li>for network components or terminal equipment</li> </ul>	9-pin sub D connector
type of electrical connection / FastConnect	Yes
<b>mechanical data</b>	
design of terminating resistor	Resistor combination integrated and connectable via slide switch
material / of the enclosure	plastic
locking mechanism design	Screwed joint
<b>design, dimensions and weights</b>	
type of cable outlet	35 degree cable outlet
width	15.8 mm
height	54 mm
depth	39.5 mm
net weight	29 g
<b>ambient conditions</b>	
ambient temperature	-25 ... +60 °C
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> </ul>	-40 ... +70 °C
protection class IP	IP20
<b>product features, product functions, product components / general</b>	
product feature	Yes
<ul style="list-style-type: none"> <li>silicon-free</li> </ul>	Yes
product component	No
<ul style="list-style-type: none"> <li>PG connection socket</li> <li>strain relief</li> </ul>	Yes
<b>standards, specifications, approvals</b>	
certificate of suitability	Yes
<ul style="list-style-type: none"> <li>RoHS conformity</li> <li>UL approval</li> </ul>	Yes
reference code	XG
<ul style="list-style-type: none"> <li>according to IEC 81346-2</li> </ul>	XG
<b>further information / internet links</b>	
internet link	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
<ul style="list-style-type: none"> <li>to website: Selection guide for cables and connectors</li> </ul>	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
<b>last modified:</b>	8/16/2023 

### product type designation

product description



### PROFIBUS connector

PROFIBUS bus connector, RS 485, Fast Connect, without programming port, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, 15.8x 72.2x 36.4 mm (WxHxD), Insulation displacement method FastConnect, without PG socket

suitability for use

For connecting PROFIBUS stations to the PROFIBUS bus cable

### transfer rate

transfer rate / with PROFIBUS DP

9.6 kbit/s ... 12 Mbit/s

### interfaces

number of electrical connections

- for PROFIBUS cables

2

- for network components or terminal equipment

1

type of electrical connection

- for PROFIBUS cables

Integrated insulation displacement contacts for 2-core PB FC installation cables

- for network components or terminal equipment

9-pin sub D connector

type of electrical connection / FastConnect

Yes

### mechanical data

design of terminating resistor

Resistor combination integrated and connectable via slide switch. Isolation function: When resistor is connected, outgoing bus is disconnected

material / of the enclosure

plastic

locking mechanism design

Screwed joint

### design, dimensions and weights

type of cable outlet

90 degree cable outlet

width

15.8 mm

height

72 mm

depth

36.4 mm

net weight

34 g

### ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-25 ... +60 °C

-40 ... +70 °C

-40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free

Yes

product component

- PG connection socket
- strain relief

No

Yes


### standards, specifications, approvals

certificate of suitability

- RoHS conformity
- UL approval

Yes

Yes

reference code	XG
• according to IEC 81346-2	
<b>further information / internet links</b>	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
<b>last modified:</b>	8/16/2023 

### product type designation

product description



### PROFIBUS connector

PROFIBUS bus connector, RS 485, screw, with programming port, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, 15.8x 64x 35.6 mm (WxHxD), terminating resistor with isolating function, With PG receptacle

suitability for use

For connecting PROFIBUS stations to the PROFIBUS bus cable

### transfer rate

transfer rate / with PROFIBUS DP

9.6 kbit/s ... 12 Mbit/s

### interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Screw
- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect

No

### mechanical data

design of terminating resistor

Resistor combination integrated and connectable via slide switch

material / of the enclosure

plastic

locking mechanism design

Screwed joint

### design, dimensions and weights

type of cable outlet

90 degree cable outlet

width

15.8 mm

height

64 mm

depth

35.6 mm

net weight

45 g

### ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free Yes

product component

- PG connection socket Yes
- strain relief Yes

### standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes
- UL approval Yes

reference code

- according to IEC 81346-2

XF

#### further information / internet links

internet link

- to website: Selection guide for cables and connectors

<https://sie.ag/2QdlxcP>

**last modified:**

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### product type designation

product description



### PROFIBUS connector

PROFIBUS bus connector, RS 485, screw, with programming port, 35°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s with inclined cable outlet, 15.8x 54x 39.5 mm (WxHxD), terminating resistor with isolating function, With PG receptacle

suitability for use

For connecting PROFIBUS stations to the PROFIBUS bus cable

### transfer rate

transfer rate / with PROFIBUS DP

9.6 kbit/s ... 12 Mbit/s

### interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Screw
- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect

No

### mechanical data

design of terminating resistor

Resistor combination integrated and connectable via slide switch

material / of the enclosure

plastic

locking mechanism design

Screwed joint

### design, dimensions and weights

type of cable outlet

35 degree cable outlet

width

15.8 mm

height

54 mm

depth

39.5 mm

net weight

34 g

### ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free Yes

product component

- PG connection socket Yes
- strain relief Yes

### standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes
- UL approval Yes

reference code

- according to IEC 81346-2

XG

#### further information / internet links

internet link

- to website: Selection guide for cables and connectors

<https://sie.ag/2QdlxcP>

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### product type designation

product description



### PROFIBUS connector

PROFIBUS bus connector, RS 485, Fast Connect, with programming port, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, Insulation displacement method FastConnect, With PG receptacle 15.8x 59x 35.6 mm (BxHxD)

suitability for use

For connecting PROFIBUS stations to the PROFIBUS bus cable

### transfer rate

transfer rate / with PROFIBUS DP

9.6 kbit/s ... 12 Mbit/s

### interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Integrated insulation displacement terminals for 2-core PB FC installation cables
- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect

Yes

### mechanical data

design of terminating resistor

Resistor combination integrated and connectable via slide switch

material / of the enclosure

plastic

locking mechanism design

Screwed joint

### design, dimensions and weights

type of cable outlet

90 degree cable outlet

width

15.8 mm

height

59 mm

depth

35.6 mm

net weight

45 g

### ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free Yes


product component

- PG connection socket Yes
- strain relief Yes

### standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes
- UL approval Yes

reference code	XG
• according to IEC 81346-2	
<b>further information / internet links</b>	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
<b>last modified:</b>	8/16/2023 




SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbps 90° cable outlet, 15.8x 59x 35.6 mm (WxHxD), Insulation displacement method FastConnect, with PG socket 100 units 6ES7972-0BB52-0XA0 per packing unit

Figure similar

General information	
Product type designation	PROFIBUS connector
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	60 °C
Mechanics/material	
Design of housing	plastic
Dimensions	
Width	15.8 mm
Height	59 mm
Depth	35.6 mm
Weights	
Weight, approx.	10 g

last modified: 8/16/2023 

<b>product type designation</b>	<b>PROFIBUS connector</b>
product description	PROFIBUS bus connector, RS 485, Fast Connect, with programming port, 35° SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 35 degree cable outlet, Insulation displacement method FastConnect, With PG receptacle 15.8x 54x 39.5 mm (BxHxD)
suitability for use	For connecting PROFIBUS stations to the PROFIBUS bus cable
<b>transfer rate</b>	
transfer rate / with PROFIBUS DP	9.6 kbit/s ... 12 Mbit/s
<b>interfaces</b>	
number of electrical connections	2
<ul style="list-style-type: none"> <li>for PROFIBUS cables</li> <li>for network components or terminal equipment</li> </ul>	1
type of electrical connection	Integrated insulation displacement terminals for 2-core PB FC installation cables
<ul style="list-style-type: none"> <li>for PROFIBUS cables</li> <li>for network components or terminal equipment</li> </ul>	9-pin sub D connector
type of electrical connection / FastConnect	Yes
<b>mechanical data</b>	
design of terminating resistor	Resistor combination integrated and connectable via slide switch
material / of the enclosure	plastic
locking mechanism design	Screwed joint
<b>design, dimensions and weights</b>	
type of cable outlet	35 degree cable outlet
width	15.8 mm
height	54 mm
depth	39.5 mm
net weight	34 g
<b>ambient conditions</b>	
ambient temperature	-25 ... +60 °C
<ul style="list-style-type: none"> <li>during operation</li> <li>during storage</li> <li>during transport</li> </ul>	-40 ... +70 °C
protection class IP	IP20
<b>product features, product functions, product components / general</b>	
product feature	Yes
<ul style="list-style-type: none"> <li>silicon-free</li> </ul>	Yes
product component	Yes
<ul style="list-style-type: none"> <li>PG connection socket</li> <li>strain relief</li> </ul>	Yes
<b>standards, specifications, approvals</b>	
certificate of suitability	Yes
<ul style="list-style-type: none"> <li>RoHS conformity</li> <li>UL approval</li> </ul>	Yes
reference code	XG
<ul style="list-style-type: none"> <li>according to IEC 81346-2</li> </ul>	XG
<b>further information / internet links</b>	
internet link	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
<ul style="list-style-type: none"> <li>to website: Selection guide for cables and connectors</li> </ul>	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
<b>last modified:</b>	8/16/2023 

### product type designation

product description



### PROFIBUS connector

PROFIBUS bus connector, RS 485, Fast Connect, with programming port, 90°

SIMATIC DP, Connection plug for PROFIBUS up to 12 Mbit/s 90° cable outlet, 15.8x 72.2x 36.4 mm (WxHxD), Insulation displacement method FastConnect, With PG receptacle

suitability for use

For connecting PROFIBUS stations to the PROFIBUS bus cable

### transfer rate

transfer rate / with PROFIBUS DP

9.6 kbit/s ... 12 Mbit/s

### interfaces

number of electrical connections

- for PROFIBUS cables 2
- for network components or terminal equipment 1

type of electrical connection

- for PROFIBUS cables Integrated insulation displacement terminals for 2-core PB FC installation cables
- for network components or terminal equipment 9-pin sub D connector

type of electrical connection / FastConnect

Yes

### mechanical data

design of terminating resistor

Resistor combination integrated and connectable via slide switch

material / of the enclosure

plastic

locking mechanism design

Screwed joint

### design, dimensions and weights

type of cable outlet

90 degree cable outlet

width

15.8 mm

height

72 mm

depth

36.4 mm

net weight

45 g

### ambient conditions

ambient temperature

- during operation -25 ... +60 °C
- during storage -40 ... +70 °C
- during transport -40 ... +70 °C

protection class IP

IP20

### product features, product functions, product components / general

product feature

- silicon-free Yes


product component

- PG connection socket Yes
- strain relief Yes

### standards, specifications, approvals

certificate of suitability

- RoHS conformity Yes
- UL approval Yes

reference code	XG
• according to IEC 81346-2	
<b>further information / internet links</b>	
internet link	
• to website: Selection guide for cables and connectors	<a href="https://sie.ag/2QdlxcP">https://sie.ag/2QdlxcP</a>
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SIMATIC DP, RS485 terminating resistor for terminating PROFIBUS/MPI networks

Figure similar

Supply voltage	
Rated value (DC)	24 V
permissible range, lower limit (DC)	20.4 V
permissible range, upper limit (DC)	28.8 V
Input current	
Current consumption, typ.	30 mA
Power loss	
Power loss, max.	0.72 W
Interfaces	
PROFIBUS DP	
• Transmission rate, max.	12 Mbit/s; 9.6 kbit/s to 12 Mbit/s
Degree and class of protection	
IP degree of protection	IP20
Ambient conditions	
Ambient temperature during operation	
• min.	0 °C
• max.	60 °C
Ambient temperature during storage/transportation	
• min.	-40 °C
• max.	70 °C
Relative humidity	
• Operation, max.	95 %; at +25 °C
connection method	
Design of electrical connection for supply voltage	Screw terminal block
Design of electrical connection for PROFIBUS cables	Screw terminal block
Dimensions	
Width	60 mm
Height	70 mm
Depth	43 mm
Weights	
Weight, approx.	95 g

last modified: 8/23/2023 