

product type designation

product description

PROFIBUS FC bus connector RS 485

Bus connector with axial cable outlet (180°)

PROFIBUS FC RS 485 plug 180 PROFIBUS connector with FastConnect connection plug and axial cable outlet for Industry PC, SIMATIC OP, OLM, Transfer rate: 12 Mbit/s, terminating resistor with isolating function, plastic enclosure.



suitability for use

For connecting PROFIBUS nodes to the PROFIBUS bus cable

transfer rate

transfer rate / with PROFIBUS

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

Sub-D connector (9-pin)

type of electrical connection / FastConnect

Yes

mechanical data

design of terminating resistor

Integrated resistor combination that can be selected with slide switch. Disconnect function: When the resistor is connected, the outgoing bus is isolated.

material / of the enclosure

plastic

locking mechanism design

Screwed joint

design, dimensions and weights

type of cable outlet

180° cable outlet

width

16 mm

height

62 mm

depth

34.5 mm

net weight

40 g

ambient conditions

ambient temperature

- during operation
- during storage
- during transport

-40 ... +70 °C

-25 ... +80 °C

-25 ... +80 °C

relative humidity

- at 25 °C / without condensation / during operation / maximum

75 %

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 <ul style="list-style-type: none">• RoHS conformity• UL approval• cULus approval• railway application in accordance with EN 50155	Yes Yes Yes No				
reference code <ul style="list-style-type: none">• according to IEC 81346-2:2019	XHA				
standards, specifications, approvals / Environmental Product Declaration					
Environmental Product Declaration	Yes				
global warming potential [CO2 eq] <ul style="list-style-type: none">• total• during manufacturing• during operation• after end of life	0.73 kg 0.44 kg 0.24 kg 0.05 kg				
further information / internet links					
internet link <ul style="list-style-type: none">• to website: Selection guide for cables and connectors• to web page: selection aid TIA Selection Tool• to website: Industrial communication• to web page: SiePortal• to website: Image database• to website: CAX-Download-Manager• to website: Industry Online Support	https://support.industry.siemens.com/cs/ww/en/view/109766358 https://www.siemens.com/tstcloud https://www.siemens.com/simatic-net https://sieportal.siemens.com https://www.automation.siemens.com/bilddb https://www.siemens.com/cax https://support.industry.siemens.com				
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[Miscellaneous](#)



other		Railway		Environment	
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Environment					
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last modified:

3/26/2025 