

6GK1500-0EA02 (EAN: 4019169400800 / UPC: 804766319600)

PROFIBUS bus connector

Product details | Technical data | CAx data

Technical data

product type designation
product description

PROFIBUS plug RS 485

Bus connector with axial cable outlet (180°)

PROFIBUS bus connector with axial cable outlet for Industry PC, SIMATIC OP, OLM; transfer rate 12 Mbit/s; terminating resistor with isolate function, metal enclosure.



([https://www.automation.siemens.com/bilddb/index.aspx?](https://www.automation.siemens.com/bilddb/index.aspx?objKey=P_IK10_XX_00025)

objKey=P_IK10_XX_00025)

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	Terminal blocks
• for network components or terminal equipment	Sub-D connector (9-pin)
type of electrical connection / FastConnect	No
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 is isolated.
material / of the enclosure	metal
locking mechanism design	Screwed joint
design, dimensions and weights	
type of cable outlet	180° cable outlet
width	15 mm
height	57 mm
depth	39 mm
net weight	100 g
ambient conditions	
ambient temperature	
• during operation	0 ... 60 °C
• during storage	-25 ... +80 °C
• during transport	-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	No
• strain relief	Yes
standards, specifications, approvals	
certificate of suitability	
• RoHS conformity	Yes
• UL approval	No
• cULus approval	No
• railway application in accordance with EN 50155	No
further information / internet links	
internet link	
• to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool (http://www.siemens.com/tia-selection-tool)
• to website: Industrial communication	http://www.siemens.com/simatic-net (http://www.siemens.com/simatic-net)
• to website: Industry Mall	https://mall.industry.siemens.com (https://mall.industry.siemens.com)
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter (http://www.siemens.com/industry/infocenter)
• to website: Selection guide for cables and connectors	https://sie.ag/2QdixcP (https://sie.ag/2QdixcP)
• to website: Image database	http://automation.siemens.com/bilddb (http://automation.siemens.com/bilddb)
• to website: CAx-Download-Manager	http://www.siemens.com/cax (http://www.siemens.com/cax)
• to website: Industry Online Support	https://support.industry.siemens.com (https://support.industry.siemens.com)
last modified:	9/12/2023

6GK1500-0FC10 (EAN: 4025515076230 / UPC: 662643424447)

PB FC RS 485 Plug 180

Product details | Technical data | CAx data

Technical data

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 OLM, Transfer rate: 12 Mbit/s, terminating resistor with isolating function, plastic enclosure.



([https://www.automation.siemens.com/bilddb/index.aspx?](https://www.automation.siemens.com/bilddb/index.aspx?objKey=P_IK10_XX_01134)

objKey=P_IK10_XX_01134)

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 contacts 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 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	-40 ... +70 °C
• during storage	-25 ... +80 °C
• during transport	-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	No
• strain relief	Yes
standards, specifications, approvals	
certificate of suitability	
• RoHS conformity	Yes
• UL approval	Yes
• cULus approval	Yes
• railway application in accordance with EN 50155	No
further information / internet links	
internet link	
• to web page: selection aid TIA Selection Tool	http://www.siemens.com/tia-selection-tool (http://www.siemens.com/tia-selection-tool)
• to website: Industrial communication	http://www.siemens.com/simatic-net (http://www.siemens.com/simatic-net)
• to website: Industry Mall	https://mall.industry.siemens.com (https://mall.industry.siemens.com)
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter (http://www.siemens.com/industry/infocenter)
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• to website: CAx-Download-Manager	http://www.siemens.com/cax (http://www.siemens.com/cax)
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