(https://sieportal.siemens.com/envn/home)

# **SiePortal**

The integrated platform for your product selection, buying, and support workflow – bringing together Industry Mall and Online Support.

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## 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 isola function, metal enclosure.



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<u>objKey=P IK10 XX 00025)</u>	F
suitability for use	For connecting PROFIBUS nodes to the PROFIBUS bus cable
transfer rate	
transfer rate / with PROFIBUS interfaces	9.6 kbit/s 12 Mbit/s
number of electrical connections  • for PROFIBUS cables	2
	1
for network components or terminal equipment	_
type of electrical connection  • for PROFIBUS cables	Terminal blocks
	Sub-D connector (9-pin)
for network components or terminal equipment  type of electrical connection / FastConnect	No
mechanical data	NO
design of terminating resistor	Integrated resistor combination that can be selected with slide switch. Disconnect function: When the resistor is connected, the outgoing
design of terminating resistor	integrated resistor combination that can be selected with sinde 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	
<ul> <li>◆ PG connection socket</li> </ul>	No
• strain relief	Yes
standards, specifications, approvals	
certificate of suitability	
■ RoHS conformity	Yes
UL approval	No
cULus approval	No
<ul> <li>railway application in accordance with EN 50155</li> </ul>	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/2QdlxcP (https://sie.ag/2QdlxcP)
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

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(https://www.automation.siemens.com/bilddb/index.aspx?

## 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.



	objKey=P IK10 XX 01134)	
pility for use		For connecting PROFIBUS nodes to the PROFIBUS bus cable

suitability for use	For connecting PROFIBOS nodes to the PROFIBOS 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 outgoin
	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	
• cocus approval	
• railway application in accordance with EN 50155	Yes
railway application in accordance with EN 50155  further information / internet links	
further information / internet links	Yes
further information / internet links internet link	Yes No
further information / internet links  internet link  • to web page: selection aid TIA Selection Tool	Yes  No  http://www.siemens.com/tia-selection-tool (http://www.siemens.com/tia-selection-tool)
further information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication	Yes  No  http://www.siemens.com/tia-selection-tool (http://www.siemens.com/tia-selection-tool) http://www.siemens.com/simatic-net (http://www.siemens.com/simatic-net)
further information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: Industry Mall	Yes  No  http://www.siemens.com/tia-selection-tool (http://www.siemens.com/tia-selection-tool) http://www.siemens.com/simatic-net (http://www.siemens.com/simatic-net) https://mall.industry.siemens.com (https://mall.industry.siemens.com)
further information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: Industry Mall  • to website: Information and Download Center	Yes  No  http://www.siemens.com/tia-selection-tool (http://www.siemens.com/tia-selection-tool)  http://www.siemens.com/simatic-net (http://www.siemens.com/simatic-net)  https://mall.industry.siemens.com (https://mall.industry.siemens.com)  http://www.siemens.com/industry/infocenter (http://www.siemens.com/industry/infocenter)
further information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: Industry Mall  • to website: Information and Download Center  • to website: Selection guide for cables and connectors	Yes  No  http://www.siemens.com/tia-selection-tool (http://www.siemens.com/tia-selection-tool) http://www.siemens.com/simatic-net (http://www.siemens.com/simatic-net) https://mall.industry.siemens.com (https://mall.industry.siemens.com) http://www.siemens.com/industry/infocenter (http://www.siemens.com/industry/infocenter) https://sie.aq/2QdlxcP (https://sie.aq/2QdlxcP)
further information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: Industry Mall  • to website: Information and Download Center  • to website: Selection guide for cables and connectors  • to website: Image database	Yes  No  http://www.siemens.com/tia-selection-tool (http://www.siemens.com/tia-selection-tool) http://www.siemens.com/simatic-net (http://www.siemens.com/simatic-net) https://mall.industry.siemens.com (https://mall.industry.siemens.com) http://www.siemens.com/industry/infocenter (http://www.siemens.com/industry/infocenter) https://sie.aq/2QdlxcP (https://sie.aq/2QdlxcP) http://automation.siemens.com/bilddb (http://automation.siemens.com/bilddb)
further information / internet links  internet link  • to web page: selection aid TIA Selection Tool  • to website: Industrial communication  • to website: Industry Mall  • to website: Information and Download Center  • to website: Selection guide for cables and connectors	Yes  No  http://www.siemens.com/tia-selection-tool (http://www.siemens.com/tia-selection-tool) http://www.siemens.com/simatic-net (http://www.siemens.com/simatic-net) https://mall.industry.siemens.com/(https://mall.industry.siemens.com) http://www.siemens.com/industry/infocenter (http://www.siemens.com/industry/infocenter) https://sie.aq/2QdlxcP (https://sie.aq/2QdlxcP)