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Data sheet 6GK1901-0FB00-0AA0

product type designation	**PB Simplex Plug POF**
product description	Simplex Crimp connector for POF-fibre optik cable with Plastic-Cladding
	PROFIBUS Plastic Fiber Optic, Simplex plug/ polishing set, contains 100 simplex connector and 5 polishing sets.
Technical Product Detail Page	https://i.siemens.com/1P6GK1901-0FB00-0AA0
suitability for use	For connection to POF fiber-optic cable, for quick mounting with FastConnect
transfer rate	
transfer rate / with PROFIBUS	9.6 kbit/s ... 12 Mbit/s
interfaces	
number of optical interfaces / for fiber optic cable	1
design of the optical interface / for network components or terminal equipment	Simplex connector
type of electrical connection / FastConnect	No
mechanical data	
material / of the enclosure	plastic
design, dimensions and weights	
type of cable outlet	180° cable outlet
width	6.1 mm
height	9.4 mm
depth	29.9 mm
net weight	20 g
ambient conditions	
protection class IP	IP20
product features, product functions, product components / general	
product feature	
● silicon-free	Yes
product component	
● strain relief	Yes
standards, specifications, approvals	
certificate of suitability	
● RoHS conformity	Yes
● UL approval	No
● railway application in accordance with EN 50155	No
further information / internet links	
internet link	
● to website: Selection guide for cables and connectors	https://support.industry.siemens.com/cs/ww/en/view/109766358
● to web page: selection aid TIA Selection Tool	https://www.siemens.com/tstcloud
● to website: Industrial communication	https://www.siemens.com/simatic-net
● to web page: SiePortal	https://sieportal.siemens.com
● to website: Image database	https://www.automation.siemens.com/bilddb
● to website: CAx-Download-Manager	https://www.siemens.com/cax
● to website: Industry Online Support	https://support.industry.siemens.com
security information	
security information	Siemens provides products and solutions with industrial cybersecurity functions that support the secure operation of plants, systems, machines and networks. In order to protect plants, systems, machines and networks against cyber threats, it is necessary to implement – and continuously maintain – a holistic, state-of-the-art industrial cybersecurity concept. Siemens' products and solutions constitute one element of such a concept. Customers are responsible for preventing unauthorized access to their plants, systems, machines and networks. Such systems, machines and components should only be connected to an enterprise network or the internet if and to the extent such a connection is necessary and only when appropriate security measures (e.g. firewalls and/or network segmentation) are in place. For additional information on industrial

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Approvals / Certificates

General Product Approval				Maritime application	
Declaration of Conformity	CCC	EAC	China RoHS	DNV	LRS

Maritime application

RINA

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