SIEMENS

Data sheet 6GK1901-0DA20-0AA0

product type designation	**BFOC Connector Set**
product description	20 ST/BFOC plug
	MM FO BFOC connector set 20 units for FO cable, Standard, trailing, indoor, ground, FRNC, robust and ship cable Note: for assembly, special tools and specialist personnel are required; gluing and polishing technology.



Figure similar

product brand name	SIMATIC NET
Technical Product Detail Page	https://i.siemens.com/1P6GK1901-0DA20-0AA0
suitability for use	For connection of glass fiber-optic cables (50/125 - 62,5/125)
transfer rate	
transfer rate / for Industrial Ethernet	10, 100 Mbit/s
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	BFOC connector
type of electrical connection / FastConnect	No
mechanical data	
material / of the enclosure	Metal and plastic
locking mechanism design	Bayonet
design, dimensions and weights	
type of cable outlet	180° cable outlet
width	9.5 mm
height	9.5 mm
depth	29.7 mm
net weight	8 g
ambient conditions	
ambient temperature	
● during operation	-40 ... +85 °C
● during storage	-40 ... +90 °C
● during transport	-40 ... +90 °C
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

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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 cybersecurity measures that may be implemented, please visit www.siemens.com/cybersecurity-industry. Siemens' products and solutions undergo continuous development to make them more secure. Siemens strongly recommends that product updates are applied as soon as they are available and that the latest product versions are used. Use of product versions that are no longer supported, and failure to apply the latest updates may increase customer's exposure to cyber threats. To stay informed about product updates, subscribe to the Siemens Industrial Cybersecurity RSS Feed under https://www.siemens.com/cert. (V4.7)

Approvals / Certificates

General Product Approval					Maritime application
Declaration of Conformity	EAC	China RoHS	Manufacturer Declaration	CE EG-Konf.	DNV

Maritime application		Industrial Communication
Lloyd's Register LRS	RINA	PROFINET

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