

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

SIEMENS

6GK1905-0FB00

SIMATIC NET 7/8-INCH FEMALE CONNECTOR

Used with the applicable SIMATIC NET configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Siemens manufacturer documentation for 6GK1905-0FB00

Data sheet

6GK1905-0FB00

product type designation
product description

7/8-inch connector

7/8" connection plug with female contact insert, rated current 9 A, 5-pole

7/8" connection plug for ET 200, With axial cable feeder for assembly in the field, Socket insert 1 pack=5 units



suitability for use	For field assembly with ET200
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interfaces

number of electrical connections	1
for network components or terminal equipment	
type of electrical connection	
- for PROFIBUS cables - for network components or terminal equipment	Integrated screw contacts for 5-core power cables 7/8 inch plug (female insert)
type of electrical connection / FastConnect	No

mechanical data

material / of the enclosure	metal
locking mechanism design	Screwed joint

design, dimensions and weights

type of cable outlet	180° cable outlet
width	27 mm
height	27 mm
depth	83 mm

net weight	50 g
• solid	1.5 mm ²
• finely stranded / with core end processing	1.5 mm ²
• finely stranded / without core end processing	1.5 mm ²

ambient conditions

ambient temperature	
• during operation	-40 ... +70 °C
• during storage	-40 ... +80 °C
• during transport	-40 ... +80 °C
chemical resistance	
• to water	resistant
protection class IP	IP65/67

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 web page: selection aid TIA Selection Tool	http://www.siemens.com/snst
• to website: Industrial communication	http://www.siemens.com/simatic-net
• to website: Industry Mall	https://mall.industry.siemens.com
• to website: Information and Download Center	http://www.siemens.com/industry/infocenter
• to website: Image database	http://automation.siemens.com/bilddb
• to website: CAX-Download-Manager	http://www.siemens.com/cax
• to website: Industry Online Support	https://support.industry.siemens.com

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