

Product type designation

Product description

SIPLUS NET RJ45 PLUG 90 2X2

RJ45 data connector
 SIPLUS NET RJ45 PLUG 90 2X2 -40 ... +70 DEGREES C WITH CONFORMAL COATING BASED ON 6GK1901-1BB20-2AA0 . RJ45 PLUG CONNECTOR (10/100MBIT/S) W. RUGGED METAL HOUSING AND FC CONNECTING METHOD FOR IE FC CABLE 2X2 90 DGR CABLE OUTLET 1 PACK = 1 PCS



Figure similar

Suitability for use

For connection to IE FC TP cables 2x2, suitable for fast assembly with the FastConnect system

Transmission rate

Transfer rate / for Industrial Ethernet

10 Mbit/s, 100 Mbit/s

Interfaces

Number of electrical connections

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

4

1

Type of electrical connection

- for Industrial Ethernet FC TP cables
- for network components or terminal equipment

integrated cut-and-clamp contacts for 4-wire TP FC installation cable

RJ45 connector

Type of electrical connection / FastConnect

Yes

Mechanical data

Material / of the enclosure

metal

Design, dimensions and weight

Type of cable outlet

90° cable outlet

Width

13.7 mm

Height

16 mm

Depth

42 mm

Net weight

35 g

Permitted ambient conditions

Ambient temperature	
<ul style="list-style-type: none"> during operation during storage during transport 	<p>-40 ... +70 °C</p> <p>-40 ... +80 °C</p> <p>-40 ... +80 °C</p>
Ambient condition / relating to ambient temperature - air pressure - installation altitude	-40 ... +70°C at 1080 hPa ... 795 hPa (-1000 m ... +2000 m) // -40 ... +60°C at 795 hPa ... 658 hPa (+2000 m ... +3500 m) // -40 ... +50°C at 658 hPa ... 540 hPa (+3500 m ... +5000 m)
Relative humidity / with condensation / maximum	100 %
Resistance to biologically active substances / conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, Class 3B2 mold, fungus, and sponge spores (except fauna). The supplied plug covers must remain in place over the unused interfaces during operation!
Resistance to chemically active substances / conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, class 3C4 incl. salt spray according to EN 60068-2-52 (severity 3). The supplied plug covers must remain in place over the unused interfaces during operation!
Resistance to mechanically active substances / conformity acc. to EN 60721-3-3	Yes; Compliance with EN 60721-3-3, Class 3S4 including sand, dust. The supplied plug covers must remain in place over the unused interfaces during operation!
Protection class IP	IP20

Product properties, functions, components / general

Product property	
<ul style="list-style-type: none"> silicon-free 	Yes
Product component	
<ul style="list-style-type: none"> strain relief 	Yes

Standards, specifications, approvals

Certificate of suitability	
<ul style="list-style-type: none"> RoHS conformity UL approval 	<p>Yes</p> <p>No</p>
Standard for structured cabling	Cat5

Further Information / Internet Links

Internet-Link	
<ul style="list-style-type: none"> to website: Selector SIMATIC NET SELECTION TOOL to website: Industrial communication to website: Industry Mall to website: Information and Download Center to website: Image database to website: CAx Download Manager to website: Industry Online Support 	<p>http://www.siemens.com/snst</p> <p>http://www.siemens.com/simatic-net</p> <p>https://mall.industry.siemens.com</p> <p>http://www.siemens.com/automation/net/catalog</p> <p>http://automation.siemens.com/bilddb</p> <p>http://www.siemens.com/cax</p> <p>https://support.industry.siemens.com</p>
last modified:	09.03.2015