

## Data sheet

6AG1901-1BB10-7AA0

### product type designation



Figure similar

### RJ45 plug-in connector

SIPLUS NET RJ45 plug 180 2x2 based on 6GK1901-1BB10-2AA0 with conformal coating, -40...+70 °C, RJ45 plug-in connector (10/100 Mbps) with rugged metal enclosure and FC connection technology, for IE FC cable 2x2 180° cable outlet 1 pack = 1 unit

### Technical Product Detail Page

<https://i.siemens.com/1P6AG1901-1BB10-7AA0>

### transfer rate

transfer rate / for Industrial Ethernet 10, 100 Mbit/s

### interfaces

number of electrical connections

- for Industrial Ethernet FC TP cables 4

type of electrical connection

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

### ambient conditions

ambient temperature

- in horizontal mounting position / during operation 70 ... -40 °C
- during storage and transport 70 ... -40 °C

relative humidity

- with condensation / according to IEC 60068-2-38 / maximum 100 %; RH incl. condensation / frost (no commissioning in bedewed state), horizontal installation

type of coating

- for electronic devices in railway applications according to EN 50155 Yes; protective coating of the Class PC2 according to EN 50155:2018

### standards, specifications, approvals

standard for structured cabling Cat5

### 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

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## Approvals / Certificates

General Product Approval

EMV

[Manufacturer Declaration](#)



[China RoHS](#)

KC



last modified:

10/30/2025