# SIEMENS

| Data sheet | 6ES7972-0BB52-0XA0 |
|---|---|

| Product description | PROFIBUS bus connector, RS485, Fast Connect, with PG socket, 90° SIMATIC DP,BUS CONNECTOR FOR PROFIBUS UP TO 12 MBIT/S 90 DEGREE ANGLE CABLE OUTLET, IPCD TECHOLOGY FAST CONNECT, WITH PG SOCKET 15,8 X 59 X 35,6 MM (WXHXD), |
|---|---|



| Suitability for use | For connecting PROFIBUS nodes to the PROFIBUS bus cable |
|---|---|

### Transmission rate

| Transfer rate / with PROFIBUS DP | 9.6 kbit/s ... 12 Mbit/s |
|---|---|

### Interfaces

| Number of electrical connections | |
|---|---|
| • for PROFIBUS cables | 2 |
| • for network components or terminal equipment | 1 |
| Type of electrical connection | |
| • for PROFIBUS cables | Integrated insulation displacement contacts for 2-core PB FC-installation cables |
| • for network components or terminal equipment | 9-pin Sub-D connector |
| Type of electrical connection / FastConnect | Yes |

### Mechanical data

| Design of terminating resistor | Integrated resistor combination that can be selected with slide switch |
|---|---|
| Material / of the enclosure | plastic |
| Locking mechanism design | Screw |

11/21/2017

## Design, dimensions and weight

| | |
|---|---|
| Type of cable outlet | 90 degree cable outlet |
| Width | 15.8 mm |
| Height | 59 mm |
| Depth | 35.6 mm |
| Net weight | 10 g |

## Permitted ambient conditions

| | |
|---|---|
| Ambient temperature | |
| • during operation | -25 ... +60 °C |
| • during storage | -40 ... +70 °C |
| • during transport | -40 ... +70 °C |
| Protection class IP | IP20 |

## Product properties, functions, components / general

| | |
|---|---|
| Product feature | |
| • silicon-free | Yes |
| Product component | |
| • PG connection socket | Yes |
| • strain relief | Yes |

## Standards, specifications, approvals

| | |
|---|---|
| Certificate of suitability | |
| • RoHS conformity | Yes |
| • UL approval | Yes |
| **last modified:** | 11/21/2017 |