SIMATIC DP

# Product Data Sheet

## 6ES7972-0BA42-0XA0

PROFIBUS bus connector

| PROFIBUS TRANSFER RATE | BUS CABLE CONNECTIONS | STATION CONNECTION | CABLE CONNECTION |
|---|---|---|---|
| **9.6 kbit/s to 12 Mbit/s** | **2** | **9-pin Sub-D** | **Screw terminals** |

Siemens 6ES7972-0BA42-0XA0 is a profibus bus connector for the Simatic DP product family. It provides 9.6 kbit/s to 12 mbit/s for distributed automation, machine control, and industrial communication tasks.

## 01 VERIFIED TECHNICAL DATA

| | |
|---|---|
| PROFIBUS transfer rate | 9.6 kbit/s to 12 Mbit/s |
| Bus cable connections | 2 |
| Station connection | 9-pin Sub-D |
| Cable connection | Screw terminals |
| FastConnect support | No |
| PG socket | No |
| Cable outlet | 35° |
| Terminating resistor | Integrated, slide-switch selectable |
| Enclosure material | Plastic |
| Protection rating | IP20 |

Values follow the applicable manufacturer documents identified on page 2.

## 02 ADDITIONAL PRODUCT DATA

| | |
|---|---|
| Strain relief | Integrated |

## 03 DOCUMENTED USE SETTINGS

Automotive Production and Assembly: Body production lines.

Water Treatment and Distribution: Pumping station automation.

Food Processing and Packaging: Packaging machine control.

## 04 SYSTEM COMPATIBILITY

Install 6ES7972-0BA42-0XA0 only in the documented Simatic DP environment and verify the applicable terminal, bus, or module interface before wiring.

## 05 PRODUCT EVIDENCE

Siemens product data sheet

**AMIKON PRODUCT SUPPORT**

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