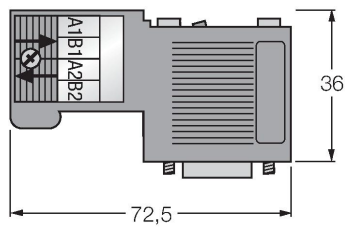


# 6ES7972-0BA52-0XA0-IP20FC

## Field-Wireable Connector – Sub-D Connector

### Male Connector, Angled



#### Technical data

|                                    |                                  |
|------------------------------------|----------------------------------|
| Type                               | 6ES7972-0BA52-0XA0-IP20FC        |
| ID                                 | 6780102                          |
| Connector A                        | Male, D-Sub, Angled              |
| Number of pins                     | 9                                |
| Contacts                           | Metal, CuZn, Gold-plated         |
| Contact carriers                   | White                            |
| Connector body                     | Plastic, Gray                    |
| External diameter of the cable     | 6...8 mm                         |
| Connection mode                    | Insulation displacement terminal |
| Pollution degree                   | 1                                |
| Protection class                   | IP20                             |
| Network protocol                   | PROFIBUS-DP                      |
| Shielding                          | no                               |
| Electrical properties at +20 °C    |                                  |
| Rated voltage                      | 24 V                             |
| Current                            | 2 A                              |
| Insulation resistance              | $\geq 10^8 \Omega$               |
| Mechanical and chemical properties |                                  |
| Ambient temperature (fixed)        | -25...+60 °C                     |
| Approvals                          | UL<br>CE                         |

#### Features

- For use in PROFIBUS-DP applications
- Up to 12 Mbps
- Activatable terminating resistor
- 90° cable outlet
- Shieldable
- Plastic Housing
- IDC quick connection
- 9-pin
- Cable diameter 6.0...8.0 mm
- UL approval

#### Contact assignment

