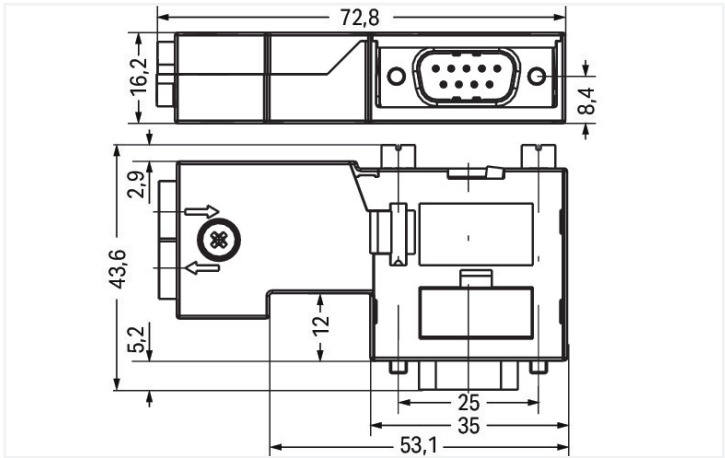
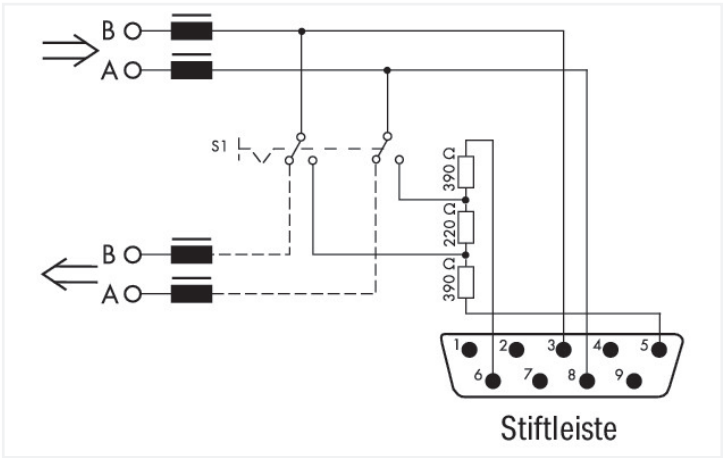


Color: ■ light gray



Dimensions in mm

This fieldbus connector links a PROFIBUS device to a PROFIBUS line.  
The fieldbus connector has the following features:

- Compact design Perfectly connects to an S7 PLC
- No losable parts
- Two horizontal cable entries for both input and output
- Fast and maintenance-free CAGE CLAMP® connection – a locking slide keeps the clamping unit in its open position
- Externally operable switch to activate or deactivate the network terminating resistor

For the first and last station on the bus, the switch must be set to "ON" (Terminating resistor activated, outgoing bus line disconnected) Switch setting to "OFF" for downstream bus stations (Terminating resistor deactivated)

| Technical data         |   |
|------------------------|---|
| Connection type        | D-sub 9 plug                              |
| Pole number            | 9   |
| Communication/fieldbus | PROFIBUS                                  |
| Transmission rate      | 12 Mbit/s ( (per PROFIBUS specification)) |
| Supply voltage         | 4.75 ... 5.25 VDC                         |
| Input current          | 5 mA                                      |



| Connection data   |  |  |
|-------------------|--|--|
| Connection type 1 |  | CAGE CLAMP® terminal strip with locking slide (218 Series) |
| Solid conductor   |  | 0.08 ... 0.5 mm² / 28 ... 20 AWG                           |
| Strip length      |  | 5 ... 6 mm / 0.2 ... 0.24 inches                           |

| Physical data |  |                        |
|---------------|--|------------------------|
| Width         |  | 43.6 mm / 1.717 inches |
| Height        |  | 16.2 mm / 0.638 inches |
| Depth         |  | 72.8 mm / 2.866 inches |

| Mechanical data                     |  |            |
|-------------------------------------|--|------------|
| Connectable sheathed cable diameter |  | 8.5 mm     |
| Cable glands (number)               |  | 2          |
| Housing material                    |  | PC-V0      |
| Weight                              |  | 45 g       |
| Color                               |  | light gray |

| Environmental requirements               |  |                |
|--|--|----------------|
| Ambient temperature (operation)          |  | 0 ... +60 °C   |
| Ambient temperature (storage)            |  | -25 ... +85 °C |
| Protection type                          |  | IP20           |
| Relative humidity (without condensation) |  | 95 %           |
| Fire load                                |  | 0 MJ           |

| Commercial data       |  |                 |
|-----------------------|--|-----------------|
| Product Group         |  | 15 (I/O System) |
| PU (SPU)              |  | 1 pcs           |
| Packaging type        |  | Box             |
| Country of origin     |  | DE              |
| GTIN                  |  | 4045454633875   |
| Customs tariff number |  | 85366990990     |

| Product classification |  |          |
|------------------------|--|----------|
| UNSPSC                 |  | 39121421 |

| Environmental Product Compliance |  |                        |
|----------------------------------|--|------------------------|
| RoHS Compliance Status           |  | Compliant,No Exemption |



Downloads

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 750-971

↓

Documentation

| Bid Text |            |                 |   |
|----------|------------|-----------------|---|
| 750-971  | 06.10.2017 | doc<br>26.00 KB | ↓ |
| 750-971  | 19.02.2019 | xml<br>4.83 KB  | ↓ |

CAD/CAE-Data

CAE data

EPLAN Data Portal 750-971

↓

WSCAD Universe 750-971

↓