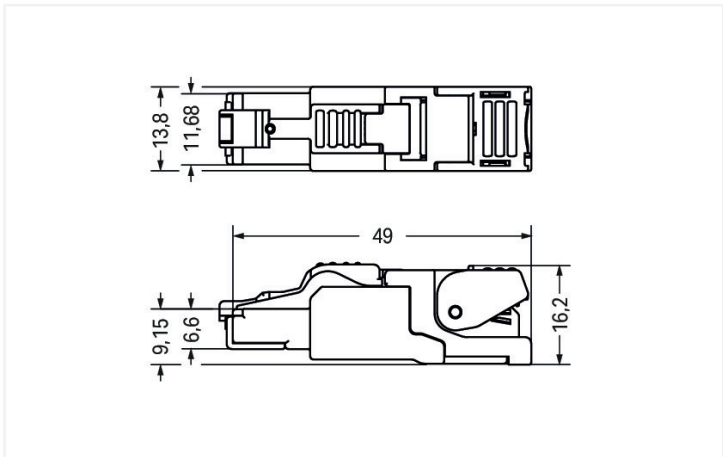
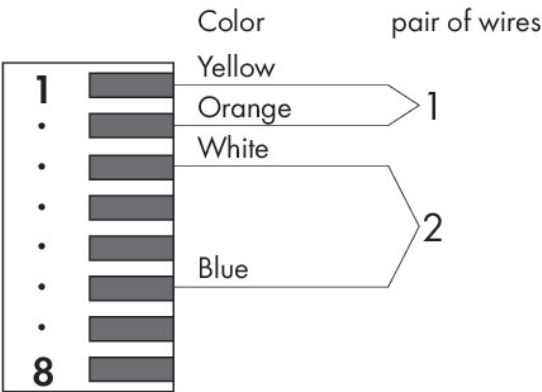




**Pin assignment PROFINET**



Dimensions in mm

| Technical data                                 |            |
|------------------------------------------------|------------|
| Connection type                                | RJ-45 plug |
| Pole number                                    | 8          |
| Cable connection direction to mating direction | 0°         |
| Communication/fieldbus                         | PROFINET   |
| Code                                           | PROFINET   |
| Transmission rate                              | 100 Mbit/s |

| Connection Data    |                                       |
|--------------------|---------------------------------------|
| Connection type    | IDC contact                           |
| Solid conductor    | 0.21 ... 0.32 mm² / 24/1 ... 22/1 AWG |
| Stranded conductor | 0.11 ... 0.36 mm² / 27/7 ... 22/7 AWG |

| Physical data |         |
|---------------|---------|
| Width         | 13.8 mm |
| Height        | 16.2 mm |
| Depth         | 49 mm   |

| Mechanical data                                 |                  |
|-------------------------------------------------|------------------|
| Connection requirement (permissible cable type) | Cat. 6A          |
| Connectable sheathed cable diameter             | 5.5 ... 9 mm     |
| Housing material                                | Zinc die casting |
| Weight                                          | 25.5 g           |

| Environmental requirements               |                                                                                                       |
|------------------------------------------|-------------------------------------------------------------------------------------------------------|
| Ambient temperature (operation)          | -40 ... +85 °C                                                                                        |
| Ambient temperature (storage)            | -40 ... +85 °C                                                                                        |
| Protection type                          | IP20                                                                                                  |
| Relative humidity (without condensation) | 95 %                                                                                                  |
| Fire load                                | 0 MJ                                                                                                  |
| Standards/specifications                 | IEC60603-7-51, ISO/IEC 11801, IEEE 802.3an<br>EIA/TIA 568-C.2<br>DIN EN 50173-1<br>UL 1863<br>UL 2043 |

| Commercial data       |               |
|-----------------------|---------------|
| PU (SPU)              | 1 pcs         |
| Packaging type        | Bag           |
| Country of origin     | TW            |
| GTIN                  | 4055143586207 |
| Customs tariff number | 85366990990   |

| Product Classification |                      |
|------------------------|----------------------|
| UNSPSC                 | 39121402             |
| eCl@ss 10.0            | 27-24-26-92          |
| eCl@ss 9.0             | 27-24-26-92          |
| ETIM 9.0               | EC001121             |
| ETIM 10.0              | EC002584             |
| ECCN                   | NO US CLASSIFICATION |

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



Approvals / Certificates

General approvals



| Approval                                | Standard | Certificate Name |
|-----------------------------------------|----------|------------------|
| UL<br>Underwriters Laboratories<br>Inc. | UL 1977  | E345416          |

Downloads

Environmental Product Compliance

Compliance Search

|                                                        |  |
|--------------------------------------------------------|--|
| Environmental Product<br>Compliance<br>750-977/000-013 |  |
|--------------------------------------------------------|--|

Documentation

Bid Text

|                 |            |                 |  |
|-----------------|------------|-----------------|--|
| 750-977/000-013 | 06.10.2017 | doc<br>25.00 KB |  |
| 750-977/000-013 | 19.02.2019 | xml<br>3.69 KB  |  |