# PV-FT-C NUT BK - Screw connection

1775880

https://www.phoenixcontact.com/us/products/1775880

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Screw connection, Range of articles: SUNCLIX, Packing unit: 100 pcs. (polybag)

## Product description

Nut for securing SUNCLIX panel feed-throughs to housing. NB: This nut must always be ordered separately.

## Commercial data

| | |
|---|---|
| Item number | 1775880 |
| Packing unit | 100 pc |
| Minimum order quantity | 100 pc |
| Sales key | AB02 |
| Product key | ABLBZC |
| GTIN | 4046356511766 |
| Weight per piece (including packing) | 1.604 g |
| Weight per piece (excluding packing) | 1.496 g |
| Customs tariff number | 39269097 |
| Country of origin | DE |

## Technical data

### Notes

| | |
|---|---|
| Order information: | Packing unit: 100 pcs. (polybag) |

Safety note

| | |
|---|---|
| Safety note | • WARNING: Commission properly functioning products only. The products must be regularly inspected for damage. Decommission defective products immediately. Replace damaged products. Repairs are not possible. |
| | • WARNING: Only electrically qualified personnel may install and operate the product. They must observe the following safety notes. The qualified personnel must be familiar with the basics of electrical engineering. They must be able to recognize and prevent danger. The relevant symbol on the packaging indicates that only personnel familiar with electrical engineering are allowed to install and operate the product. |
| | WARNING: The connectors may not be plugged in or disconnected under load. Ignoring the warning or improper use may damage persons and/or property. |
| | • The products are suitable for applications in plant, controller, and electrical device engineering. |
| | • Assembled products may not be manipulated or improperly opened. |
| | • Only use mating connectors that are specified in the technical data of the standards listed (e.g. the ones listed in the product accessories online at phoenixcontact.com/products). |
| | • When using the product in direct connection with third-party manufacturers, the user is responsible. |
| | • For operating voltages > 50 V AC, conductive connector housings must be grounded |
| | • Ensure that the protective or functional ground has been properly connected. |
| | • Observe the corresponding technical data. You will find information:<br>o On the product<br>o On the packing label<br>o In the supplied documentation<br>o Online at phoenixcontact.com/products under the product |
| | • The installation notes/Design In documents online on the download page at phoenixcontact.com/products must be observed for this product. |
| | • Use a protective cap to protect connectors that are not in use. The suitable accessories are available online in the accessory section of the product at phoenixcontact.com/products |
| | • The connector warms up in normal operation. Depending on the ambient conditions, the surface of the connector can continue to warm up. In this case, the user is responsible for posting warnings (e.g. DIN EN ISO 13732-1:2008-12). |
| | • Operate the connector only when it is fully plugged in and interlocked. |
| | • Ensure that when laying the cable, the tensile load on the connectors does not exceed the upper limit specified in the |

| | |
|---|---|
| | standards. |
| | • Observe the minimum bending radius of the cable. Lay the cable without twisting it. |

## Product properties

| | |
|---|---|
| Product type | Mounting material |
| Product family | SUNCLIX |
| Pitch | 5.08 mm |

## Dimensions

| | |
|---|---|
| Width | 17 mm |
| Height | 10 mm |
| Length | 19 mm |
| Pitch | 5.08 mm |

## Material specifications

| | |
|---|---|
| Flammability rating according to UL 94 | V0 |
| Insulating material group | I |
| Contact surface | Tin Sn |
| Material for screw connection | PA |

## Cable/line

| | |
|---|---|
| Resistance to oil | no |

## Mechanical properties

Mechanical data

| | |
|---|---|
| Locking type | Nut |

## Environmental and real-life conditions

Ambient conditions

| | |
|---|---|
| Ambient temperature (operation) | -40 °C ... 85 °C |
| Ambient temperature (assembly) | -5 °C ... 50 °C |
| Resistance to oil | no |

## Standards and regulations

| | |
|---|---|
| Resistance to oil | no |

## Classifications

### ECLASS

| | |
|---|---|
| ECLASS-15.0 | 27140807 |
| ECLASS-13.0 | 27440192 |

### ETIM

| | |
|---|---|
| ETIM 10.0 | EC002943 |

### UNSPSC

| | |
|---|---|
| UNSPSC 21.0 | 31161700 |

## Environmental product compliance

EU RoHS

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|---|---|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |

China RoHS

| | |
|---|---|
| Environment friendly use period (EFUP) | EFUP-E |
| | No hazardous substances above the limits |

EU REACH SVHC

| | |
|---|---|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |


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