

1414398

https://www.phoenixcontact.com/us/products/1414398

Please be informed that the data shown in this PDF document is generated from our Online Catalog. Please find the complete data in the user documentation. Our General Terms of Use for Downloads are valid.



Control cabinet feed-through, M12, 4-pos., D-coded to RJ45 socket, socket entry: 180°, IP65/IP67

Your advantages

· Compact design

Commercial Data

| Item number | 1414398 |
|--------------------------------------|---------------------|
| Packing unit | 1 pc |
| Minimum order quantity | 1 pc |
| Sales Key | AB13 |
| Product Key | ABNPBB |
| Catalog Page | Page 348 (C-2-2019) |
| GTIN | 4055626166759 |
| Weight per Piece (including packing) | 34.14 g |
| Weight per Piece (excluding packing) | 33.6 g |
| Customs tariff number | 85366990 |
| Country of origin | DE |



1414398

https://www.phoenixcontact.com/us/products/1414398

Technical Data

Product properties

| Туре | M12 | |
|----------------------------|---------------|--|
| Product type | Female insert | |
| Sensor type | Ethernet | |
| Number of positions | 4 | |
| Connection profile | M12 | |
| Shielded | yes | |
| Cable outlet | straight | |
| Thread type | M12 | |
| Insulation characteristics | | |
| Overvoltage category | III | |
| Degree of pollution | 2 | |

Electrical properties

| Rated voltage (III/3) | 72 V (DC) |
|---|-----------|
| Rated surge voltage | 0.8 kV |
| Rated current | 1.75 A |
| Nominal voltage U _N | 48 V |
| Nominal current I _N | 0.5 A |
| Transmission medium | Copper |
| Transmission characteristics (category) | CAT5 |
| Power transmission | PoE++ |

Connection data

Connection technology

| Connection method | Coupling |
|-------------------|----------|
| | |

Material specifications

| Color | black |
|--|--------------|
| Flammability rating according to UL 94 | V0 |
| Material of grip body | PA |
| Contact material | Copper alloy |
| Housing material | Plastic |

Mechanical properties

Mechanical data

| Insertion/withdrawal cycles | ≥ 100 |
|-----------------------------|-------|

Environmental and real-life conditions

Ambient conditions



1414398

https://www.phoenixcontact.com/us/products/1414398

| Degree of protection | IP65/IP67 | |
|---------------------------------|--------------|--|
| Ambient temperature (operation) | -25 °C 85 °C | |
| | | |

Mounting

| Mounting type | Rear mounting |
|-------------------|---------------|
| Connection method | Coupling |

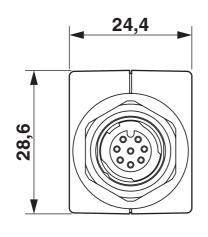


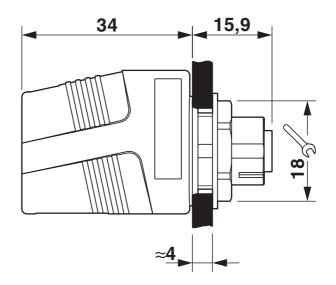
1414398

https://www.phoenixcontact.com/us/products/1414398

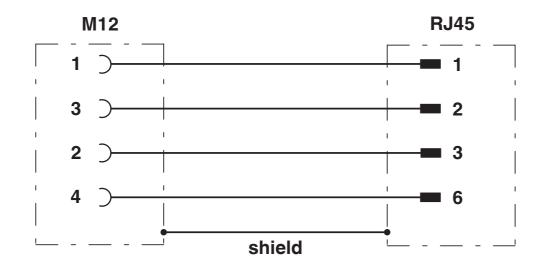
Drawings

Dimensional drawing





Circuit diagram

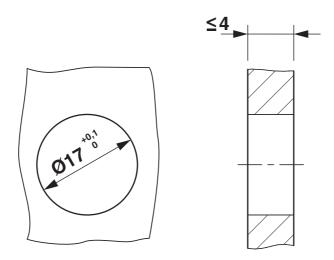




1414398

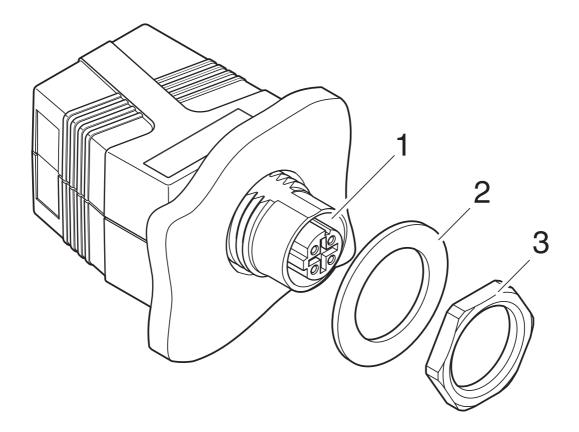
https://www.phoenixcontact.com/us/products/1414398

Dimensional drawing



Mounting cutout

Exploded view



Exploded drawing



1414398

https://www.phoenixcontact.com/us/products/1414398

Approvals

To download certificates, visit the product detail page: https://www.phoenixcontact.com/us/products/1414398

| EAC | EAC |
|------|----------------------|
| LIIL | Approval ID: B.01687 |

| <u> </u> | UL Listed Approval ID: E335024-2014 | 40306 | | | |
|----------|--|--------------------------------|--------------------------------|-------------------|-------------------------------|
| | | Nominal Voltage U _N | Nominal Current I _N | Cross Section AWG | Cross Section mm ² |
| | | 60 V | 0.5 A | - | - |

| • | CUL Listed Approval ID: E335024-20140306 | | | | |
|---|--|--------------------------------|--------------------------------|-------------------|-------------------------------|
| | | Nominal Voltage U _N | Nominal Current I _N | Cross Section AWG | Cross Section mm ² |
| | | 60 V | 0.5 A | - | - |

cULus Listed



1414398

https://www.phoenixcontact.com/us/products/1414398

Classifications

UNSPSC 21.0

ECLASS

| ECLASS-11.0 | 27141134 | |
|-------------|----------|--|
| ECLASS-12.0 | 27141134 | |
| ECLASS-13.0 | 27141134 | |
| ETIM | | |
| ETIM 8.0 | EC001283 | |
| UNSPSC | | |

39121400



1414398

https://www.phoenixcontact.com/us/products/1414398

Environmental Product Compliance

| REACh SVHC | Lead 7439-92-1 |
|------------|--|
| | |
| China RoHS | Environmentally Friendly Use Period = 50 years |
| | For information on hazardous substances, refer to the manufacturer's declaration available under "Downloads" |

Phoenix Contact 2023 © - all rights reserved https://www.phoenixcontact.com

Phoenix Contact USA 586 Fulling Mill Road Middletown, PA 17057, United States (+717) 944-1300 info@phoenixcon.com