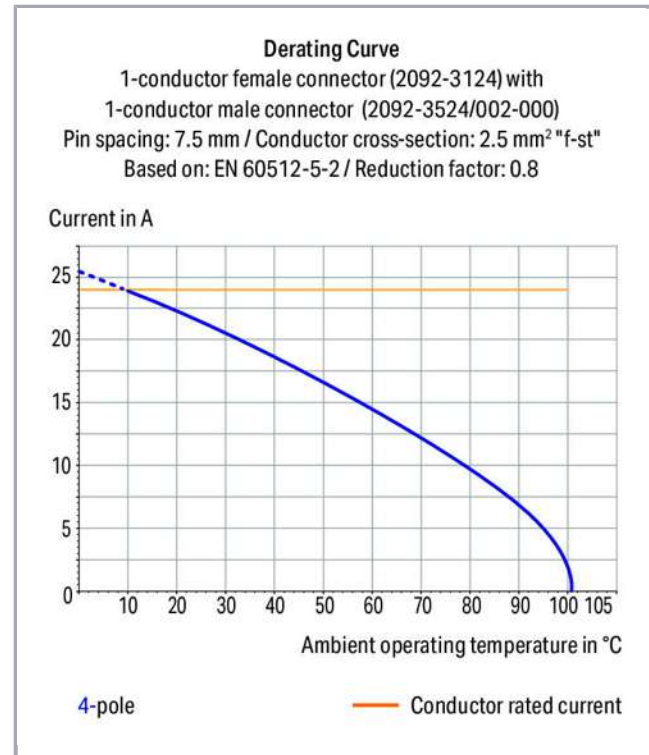


Data sheet | Item number: 2092-3522/002-000

1-conductor male connector; Gripping plate; 2.5 mm²; Pin spacing 7.5 mm; 2-pole; 2,50 mm²; light gray

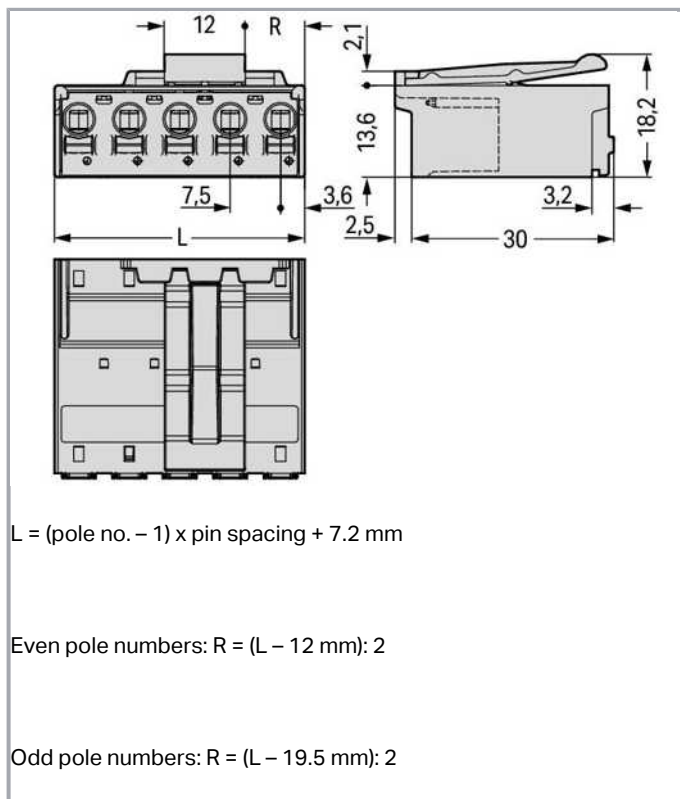
www.wago.com/2092-3522_002-000



Subject to changes. Please also observe the further product documentation!

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Item description

- Universal connection for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require special tools
- Testing parallel to conductor entry – tip contact
- For “wire-to-wire” and “board-to-wire” connections
- Integrated release lever

Safety information 1:

The **picoMAX® Pluggable Connection System** includes connectors without breaking capacity in accordance with DIN EN 61984. When used as intended, these connectors must not be connected/disconnected when live or under load. The circuit design should ensure header pins, which can be touched, are not live when unmated.

Data

Electrical data

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Ratings per IEC/EN 60664-1

| Ratings per | IEC/EN 60664-1 |
|---------------------------------|--|
| Rated voltage (III / 3) | 400 V |
| Rated impulse voltage (III / 3) | 6 kV |
| Rated voltage (III / 2) | 630 V |
| Rated impulse voltage (III / 2) | 6 kV |
| Rated voltage (II / 2) | 1000 V |
| Rated impulse voltage (II / 2) | 6 kV |
| Rated current | 16 A |
| Legend (ratings) | (III / 2) \triangleq Overvoltage category III / Pollution degree 2 |

Approvals per UL 1059

| | |
|--------------------------------|---------|
| Rated voltage UL (Use Group B) | 300 V |
| Rated current UL (Use Group B) | 15 A |
| Rated voltage UL (Use Group D) | 300 V |
| Rated current UL (Use Group D) | 10 A |
| Approvals per | UL 1059 |

Connection data

| | |
|---|---|
| Connection technology | Push-in CAGE CLAMP® |
| Actuation type | Push-button |
| Solid conductor | 0,2 ... 2,5 mm ² / 24 ... 12 AWG |
| Fine-stranded conductor | 0,2 ... 2,5 mm ² / 24 ... 12 AWG |
| Fine-stranded conductor with ferrule with plastic collar | 0,25 ... 1,5 mm ² |
| Fine-stranded conductor with ferrule without plastic collar | 0,25 ... 2,5 mm ² |
| Strip length | 9 ... 10 mm / 0.35 ... 0.39 inch |
| No. of poles | 2 |
| Total number of connection points | 2 |
| Total number of potentials | 2 |
| Number of connection types | 1 |
| Number of levels | 1 |

Geometrical Data

| | |
|-------------|----------------------|
| Pin spacing | 7,5 mm / 0.295 inch |
| Width | 14,7 mm / 0.579 inch |

Subject to changes. Please also observe the further product documentation!



| | |
|--------|----------------------|
| Height | 18,2 mm / 0.717 inch |
| Depth | 32,6 mm / 1.283 inch |

Mechanical data

| | |
|--------|---------------------|
| Design | With gripping plate |
|--------|---------------------|

Plug connection

| | |
|------------------------------------|---------------------|
| Contact type (pluggable connector) | Male connector/plug |
| Connector connection type | for conductor |
| Mismating protection | No |
| Locking of plug-in connection | Locking latch |

Material Data

| | |
|-----------------------------|--|
| Color | light gray |
| Material group | I |
| Insulating material | Polyphthalamide (PPA GF) |
| Flammability class per UL94 | V0 |
| Clamping spring material | Chrome nickel spring steel (CrNi) |
| Contact material | Electrolytic copper (E _{Cu}) |
| Contact plating | tin-plated |
| Fire load | 0.142 MJ |
| Weight | 5.7 g |

Environmental Requirements

| | |
|-------------------------|-----------------|
| Limit temperature range | -60 ... +100 °C |
|-------------------------|-----------------|

Commercial data

| | |
|--------------------|---------------|
| Product Group | 26 (picoMAX) |
| Packaging type | BOX |
| Country of origin | DE |
| GTIN | 4050821164838 |
| Customs Tariff No. | 85366990990 |

Approvals / Certificates

Country specific Approvals


Certificate

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| Logo | Approval | Additional Approval Text | name |
|--|---------------------------------|--------------------------|---------|
|  | CSA DEKRA Certification B.V. | C22.2 | 2362521 |

UL-Approvals

| Logo | Approval | Additional Approval Text | Certificate name |
|--|--------------------------------------|--------------------------|------------------|
|  | UL Underwriters Laboratories Inc. | UL 1977 | 20190909-E45171 |

Counterpart

| | | |
|--|---|--|
|  | Item no.2092-3122 1-conductor female plug; 2.5 mm ² ; Pin spacing 7.5 mm; 2-pole; 2,50 mm ² ; light gray | www.wago.com/2092-3122 |
|  | Item no.2092-3302 THT female header; 0.4 x 1.3 mm solder pin; straight; Pin spacing 7.5 mm; 2-pole; light gray | www.wago.com/2092-3302 |
|  | Item no.2092-3322 THT female header; 0.4 x 1.3 mm solder pin; angled; Pin spacing 7.5 mm; 2-pole; light gray | www.wago.com/2092-3322 |

Downloads

Documentation

Additional Information

| | | | |
|------------------------|-------------|---------------|----------|
| Technical explanations | Apr 3, 2019 | pdf 3.6 MB | Download |
|------------------------|-------------|---------------|----------|

CAD/CAE-Data

CAD data

| | | |
|--------------------------------|-----|----------|
| 2D/3D Models 2092-3522/002-000 | URL | Download |
|--------------------------------|-----|----------|

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Installation Notes

Product family

picoMAX

[Show all products from the family](#)

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