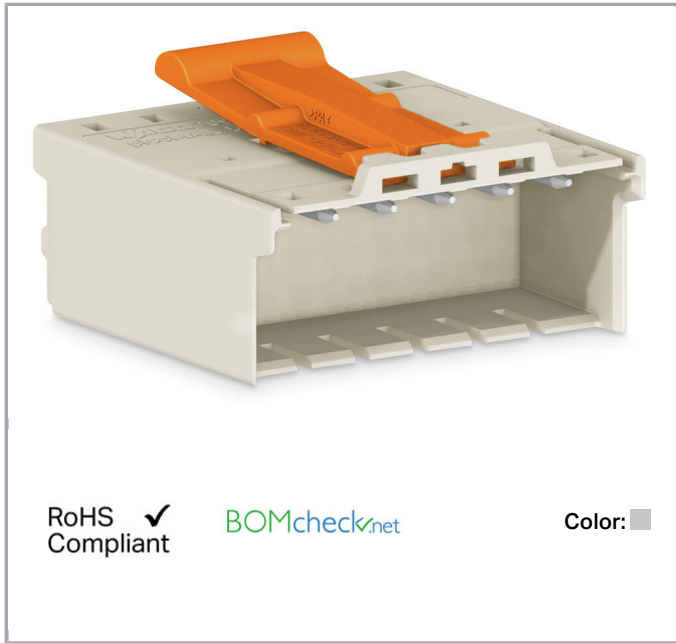


## Data sheet | Item number: 2092-1522/002-000

1-conductor male connector; Gripping plate; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole; 2,50 mm<sup>2</sup>; light gray

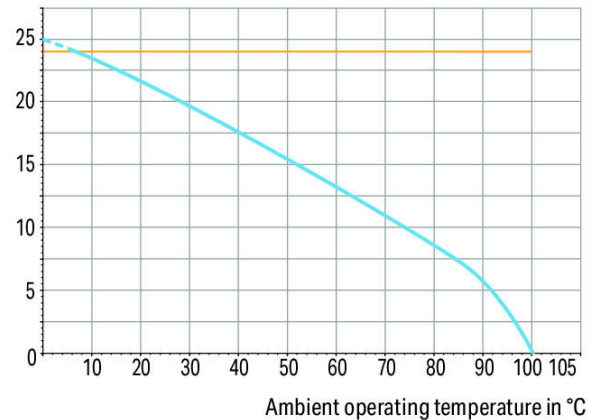
[www.wago.com/2092-1522/002-000](http://www.wago.com/2092-1522/002-000)



### Derating Curve

1-conductor female connector (2092-1126) with  
1-conductor male connector (2092-1522/002-000)  
Pin spacing: 5 mm / Conductor cross-section: 2.5 mm<sup>2</sup> "f-st"  
Based on: EN 60512-5-2 / Reduction factor: 0.8

Current in A



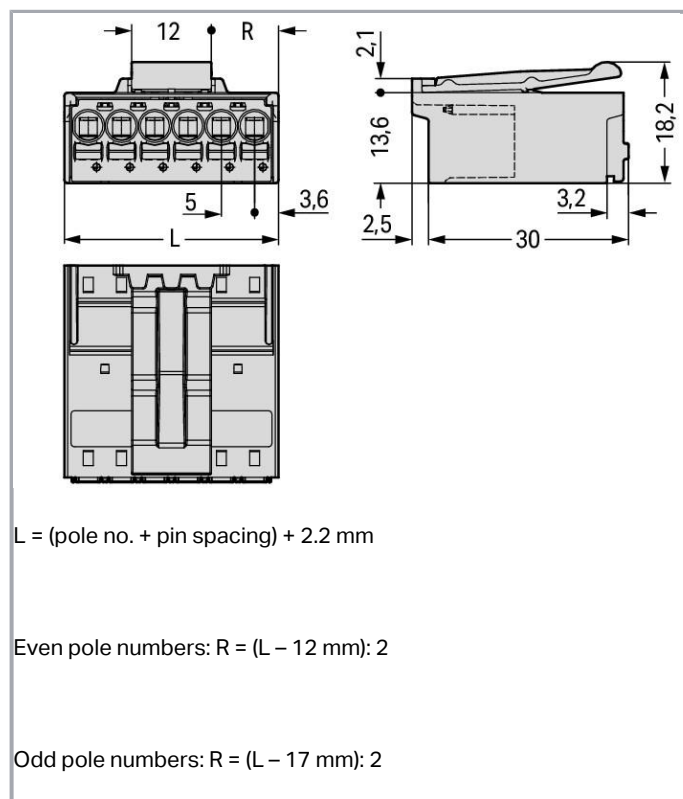
6-pole

Conductor rated current

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

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

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## Ratings per IEC/EN 60664-1

| Ratings per                 | IEC/EN 60664-1                                                       |
|-----------------------------|----------------------------------------------------------------------|
| Nominal voltage (III/3)     | 250 V                                                                |
| Rated surge voltage (III/3) | 4 kV                                                                 |
| Rated voltage (III/2)       | 320 V                                                                |
| Rated surge voltage (III/2) | 4 kV                                                                 |
| Nominal voltage (II/2)      | 630 V                                                                |
| Rated surge voltage (II/2)  | 4 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  |

## Connection data

|                                                   |                                             |
|---------------------------------------------------|---------------------------------------------|
| Connection technology                             | Push-in CAGE CLAMP®                         |
| Actuation type                                    | Push-button                                 |
| Solid conductor                                   | 0,2 ... 2,5 mm <sup>2</sup> / 24 ... 12 AWG |
| Fine-stranded conductor                           | 0,2 ... 2,5 mm <sup>2</sup> / 24 ... 12 AWG |
| Fine-stranded conductor; with insulated ferrule   | 0,25 ... 1,5 mm <sup>2</sup>                |
| Fine-stranded conductor; with uninsulated ferrule | 0,25 ... 2,5 mm <sup>2</sup>                |
| Strip length                                      | 9 ... 10 mm / 0.35 ... 0.39 inch            |
| Pole No.                                          | 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 | 5 mm / 0.197 inch    |
| Width       | 12,2 mm / 0.48 inch  |
| Height      | 18,2 mm / 0.717 inch |

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

|       |                      |
|-------|----------------------|
| Depth | 32,6 mm / 1.283 inch |
|-------|----------------------|

## 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                                      |
| Insulation material         | Polyphthalamide (PPA GF)               |
| Flammability class per UL94 | V0                                     |
| Clamping spring material    | Chrome nickel spring steel (CrNi)      |
| Contact material            | Electrolytic copper (E <sub>Cu</sub> ) |
| Contact plating             | tin-plated                             |
| Fire load                   | 0.123 MJ                               |
| Weight                      | 5.1 g                                  |

## Environmental Requirements

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

## Commercial data

|                       |               |
|-----------------------|---------------|
| Product Group         | 26 (picoMAX)  |
| Packaging type        | BOX           |
| Country of origin     | DE            |
| GTIN                  | 4050821164203 |
| Customs tariff number | 85366990990   |

## Approvals / Certificates

### Country specific Approvals

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

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



KEMA/KEUR  
DEKRA Certification B.V.

EN 61984

71-  
102261  
REV.1

## UL-Approvals

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

## Counterpart



**Item no.2092-1122**  
1-conductor female plug; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/2092-1122](http://www.wago.com/2092-1122)



**Item no.2092-1302**  
THT female header; 0.4 x 1.3 mm solder pin; straight; Pin spacing 5 mm; 2-pole; light gray

[www.wago.com/2092-1302](http://www.wago.com/2092-1302)



**Item no.2092-1322**  
THT female header; 0.4 x 1.3 mm solder pin; angled; Pin spacing 5 mm; 2-pole; light gray

[www.wago.com/2092-1322](http://www.wago.com/2092-1322)



**Item no.2092-1302/200-000**  
THT female header; 0.4 x 1.3 mm solder pin; straight; Pin spacing 5 mm; 2-pole; light gray

[www.wago.com/2092-1302/200-000](http://www.wago.com/2092-1302/200-000)



**Item no.2092-1322/200-000**  
THT female header; 0.4 x 1.3 mm solder pin; angled; Pin spacing 5 mm; 2-pole; light gray

[www.wago.com/2092-1322/200-000](http://www.wago.com/2092-1322/200-000)



**Item no.2092-1102**  
1-conductor female plug; Gripping plate; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/2092-1102](http://www.wago.com/2092-1102)



**Item no.2092-1102/000-1000**  
1-conductor female plug; Gripping plate; direct marking; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/2092-1102/000-1000](http://www.wago.com/2092-1102/000-1000)

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

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**Item no.2092-1102/000-5000**

1-conductor female plug; Gripping plate; direct marking; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/2092-1102/000-5000](http://www.wago.com/2092-1102/000-5000)



**Item no.2092-1122/000-1000**

1-conductor female plug; direct marking; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/2092-1122/000-1000](http://www.wago.com/2092-1122/000-1000)



**Item no.2092-1122/000-5000**

1-conductor female plug; direct marking; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 2-pole; 2,50 mm<sup>2</sup>; light gray

[www.wago.com/2092-1122/000-5000](http://www.wago.com/2092-1122/000-5000)

## Downloads

### CAD/CAE-Data

#### CAD data

| 2D/3D Models 2092-1522/002-000 | URL | Download |
|--------------------------------|-----|----------|
|--------------------------------|-----|----------|

## Installation Notes

## Product family

### picoMAX

[Show all products from the family](#)

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