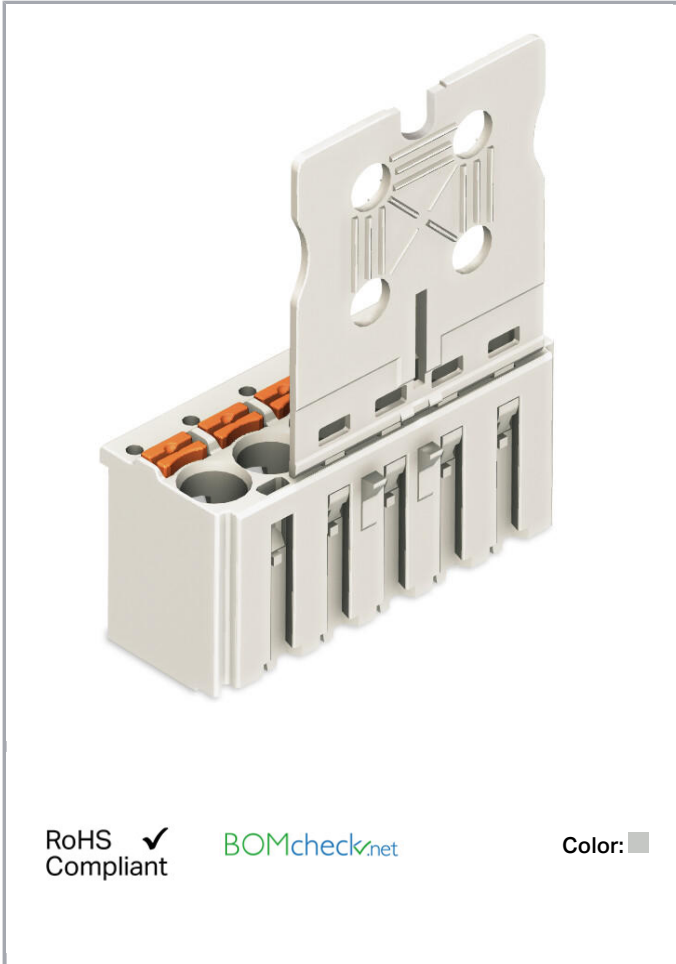


**Data sheet | Item number: 2092-1110/000-5000**

1-conductor female plug; Gripping plate; direct marking; 2.5 mm<sup>2</sup>; Pin spacing 5 mm; 10-pole; 2,50 mm<sup>2</sup>; light gray

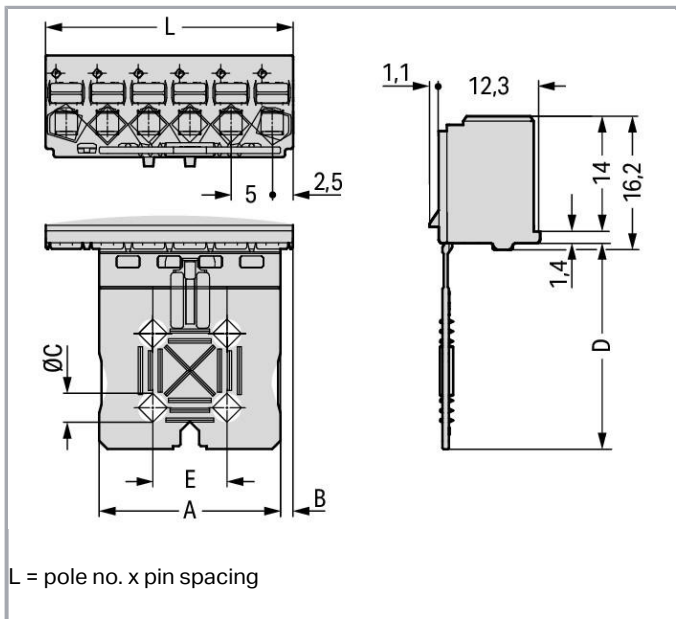
[www.wago.com/2092-1110/000-5000](http://www.wago.com/2092-1110/000-5000)



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

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Do you have any questions about our products?  
We are always happy to take your call at +49 (571) 887-44222.



### Item description

- Universal connection for all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require specialty tools
- Ability to wire while mated or unmated
- Test port parallel to conductor entry – touch contact
- Integrated locking latches prevent accidental disconnection

### Safety information 1:

The **picoMAX® pluggable connection system** is designed without breaking capacity for compliance with DIN EN 61984. When used as intended, MCS Connectors shall 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

#### Ratings per IEC/EN 60664-1

Ratings per	IEC/EN 60664-1
Rated voltage (III / 3)	250 V
Rated impulse voltage (III / 3)	4 kV
Rated voltage (III / 2)	320 V

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

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Rated impulse voltage (III / 2)	4 kV
Rated voltage (II / 2)	630 V
Rated impulse voltage (II / 2)	4 kV
Rated current	16 A
Legend (ratings)	(III / 2) $\hat{=}$ 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 <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor	0.2 ... 2.5 mm <sup>2</sup> / 24 ... 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 ... 1.5 mm <sup>2</sup>
Fine-stranded conductor with ferrule without plastic collar	0.25 ... 2.5 mm <sup>2</sup>
Strip length	9 ... 10 mm / 0.35 ... 0.39 inch
No. of poles	10
Total number of connection points	10
Total number of potentials	10
Number of connection types	1
Number of levels	1

### Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	50 mm / 1.969 inch
Height	40.4 mm / 1.591 inch
Depth	13.4 mm / 0.528 inch

### Mechanical data

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

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

## Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors
Mismating protection	No

## 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 <sub>Cu</sub> )
Contact plating	tin-plated
Fire load	0.263 MJ
Weight	10.9 g

## Environmental Requirements


Limit temperature range	-60 ... +100 °C
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## Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4050821353843
Customs Tariff No.	85366990990


## Approvals / Certificates

### Country specific Approvals



Logo	Approval	Additional Approval Text	Certificate name
	<b>CB</b> DEKRA Certification B.V.	IEC 61984	NL-49737 /A1
	<b>CSA</b> DEKRA Certification B.V.	C22.2	2362521

### UL-Approvals

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



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

## Counterpart

	Item no.2092-1430 THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 5 mm; 10-pole; light gray	<a href="http://www.wago.com/2092-1430">www.wago.com/2092-1430</a>
	Item no.2092-1410 THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 10-pole; light gray	<a href="http://www.wago.com/2092-1410">www.wago.com/2092-1410</a>

## Compatible products

### Test Accessories

	Item no.: 735-500 Test pin; 1 mm Ø; with solder connection for test wire	<a href="http://www.wago.com/735-500">www.wago.com/735-500</a>
<b>tools</b>		
	Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	<a href="http://www.wago.com/210-719">www.wago.com/210-719</a>

## Downloads

### Documentation

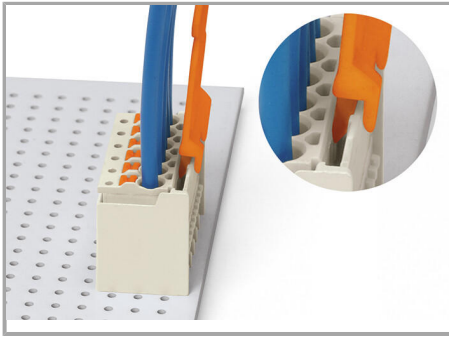
#### Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download
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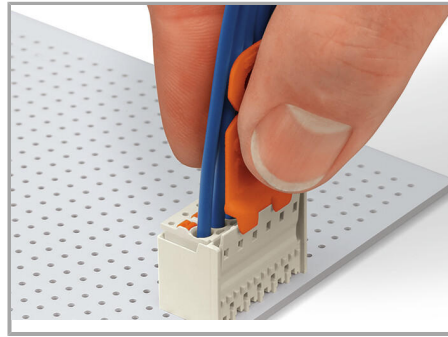
## Installation Notes

### Locking

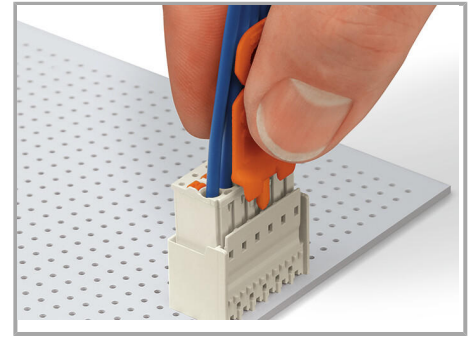
Subject to changes. Please also observe the further product documentation!



Disconnecting female connector via unlocking tool. Plug unlocking tool into the male locking latch.

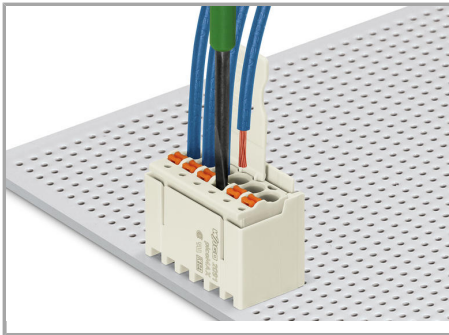


Insert unlocking tool until it hits backstop. Wedge opens locking latch.

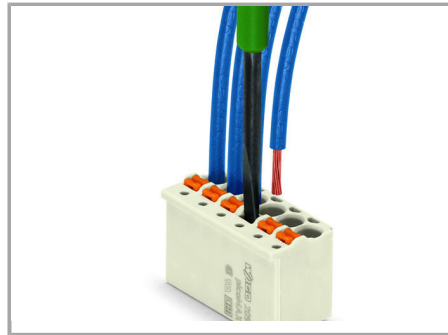


Pull on both unlocking tool and conductors to remove female connector from male header.

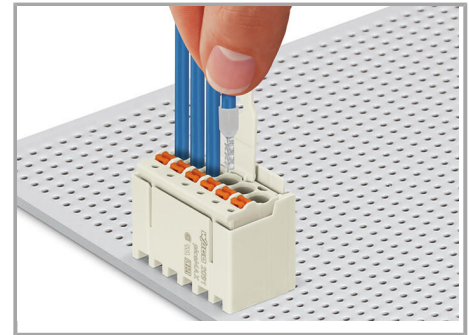
### Inserting a conductor



Inserting fine-stranded conductor into mated female connector via push-button.



Inserting fine-stranded conductor into unmated female connector via push-button.



Inserting solid and ferruled conductors via push-in termination

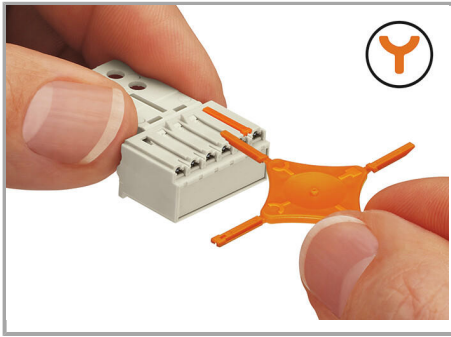
### Marking



Pole marking via factory direct printing.

### Coding

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



Coding a female connector (via coding key carrier and two keys for female connector, see symbol).

### Testing



Testing with 1 mm Ø test pin, tip contact.

### Product family

picoMAX

[Show all products from the family](#)

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