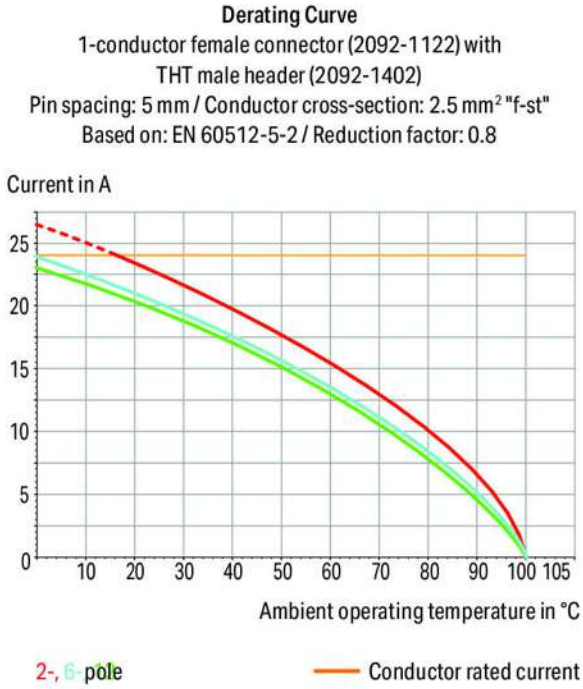
1-conductor female plug; direct marking; 2.5 mm²; Pin spacing 5 mm; 12-pole; 2,50 mm²; light gray

www.wago.com/2092-1132_000-1000

RoHS ✓ Compliant

BOMcheck.net

Color:



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

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Phone: +49571 887-0 | Fax: +49571 887-169
Email: info.de@wago.com | Web: www.wago.com

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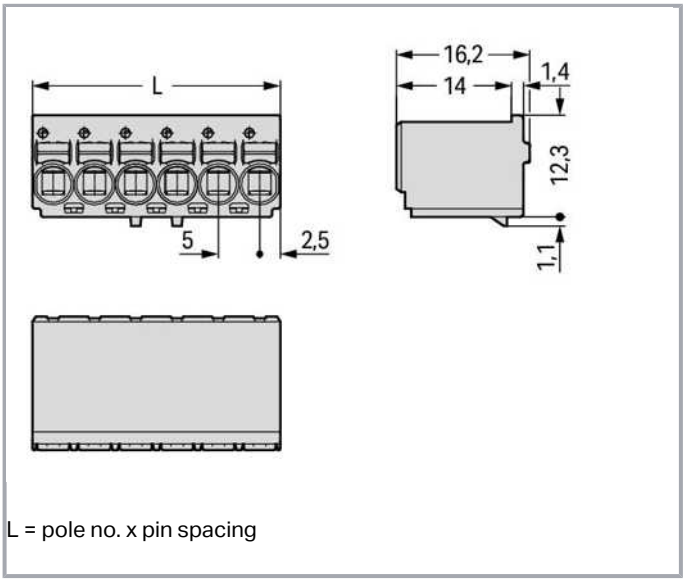

L = pole no. x pin spacing

Item description

- Universal connection of all conductor types
- Simple, push-in termination of solid and ferruled conductors
- Easy-to-use design does not require special tools
- Ability to wire while mated or unmated
- Testing parallel to conductor entry – tip contact
- Also available with gripping plates
- 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

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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) ≙ 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 mm² / 24 … 12 AWG
Fine-stranded conductor	0.2 … 2.5 mm² / 24 … 12 AWG
Fine-stranded conductor with ferrule with plastic collar	0.25 … 1.5 mm²
Fine-stranded conductor with ferrule without plastic collar	0.25 … 2.5 mm²
Strip length	9 … 10 mm / 0.35 … 0.39 inch
No. of poles	12
Total number of connection points	12
Total number of potentials	12
Number of connection types	1
Number of levels	1

Geometrical Data

Pin spacing	5 mm / 0.197 inch
Width	60 mm / 2.362 inch
Height	16.2 mm / 0.638 inch
Depth	13.4 mm / 0.528 inch

Plug connection

Contact type (pluggable connector)	Female connector/socket
Connector connection type	for conductors

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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_{Cu})
Contact plating	tin-plated
Fire load	0.262 MJ
Weight	11.1 g

Environmental Requirements

Limit temperature range	-60 … +100 °C

Commercial data

Packaging type	BOX
Country of origin	DE
GTIN	4050821357834
Customs Tariff No.	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate 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

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Counterpart

	Item no.2092-1432 THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 5 mm; 12-pole; light gray	www.wago.com/2092-1432
	Item no.2092-1412 THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 5 mm; 12-pole; light gray	www.wago.com/2092-1412

Compatible products

Strain relief plate

	Item no.: 2092-1603 Gripping plate; light gray	www.wago.com/2092-1603
	Item no.: 2092-1603/002-000 Gripping plate with sliding connector release; light gray	www.wago.com/2092-1603/002-000

tools

	Item no.: 2092-1630 Unlocking tool; orange	www.wago.com/2092-1630
	Item no.: 210-719 Operating tool; Blade: 2.5 x 0.4 mm; with a partially insulated shaft	www.wago.com/210-719

check

	Item no.: 735-500 Test pin; 1 mm Ø; with solder connection for test wire	www.wago.com/735-500

Downloads

Documentation

Additional Information

Technical explanations	Apr 3, 2019	pdf 3.6 MB	Download

Installation Notes

Locking

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

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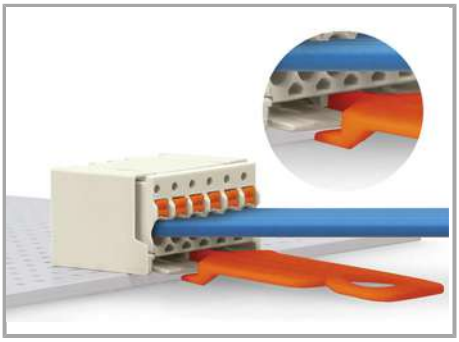
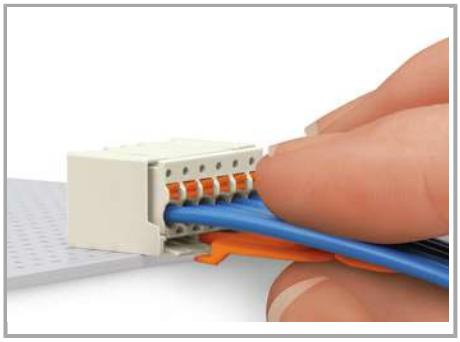


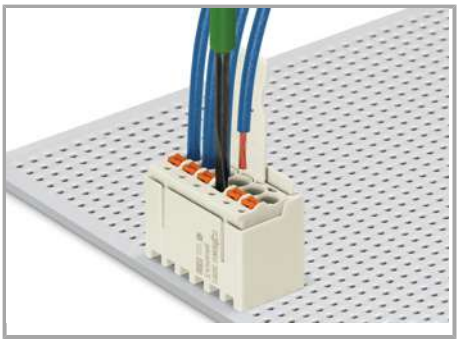
Disconnecting female connector via unlocking tool. Plug unlocking tool into the male header's locking latch.



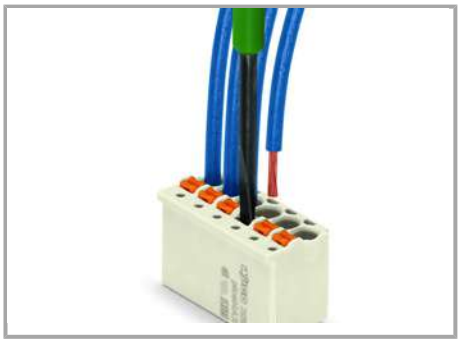
Insert unlocking tool until it hits backstop. Wedge opens locking latch.

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

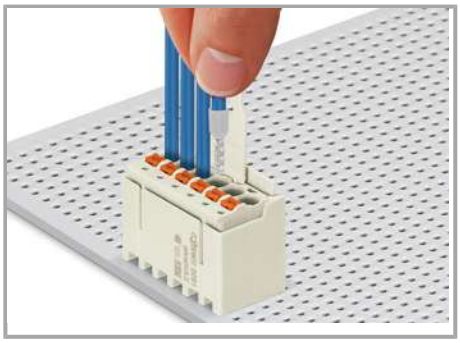
Inserting a conductor



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



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

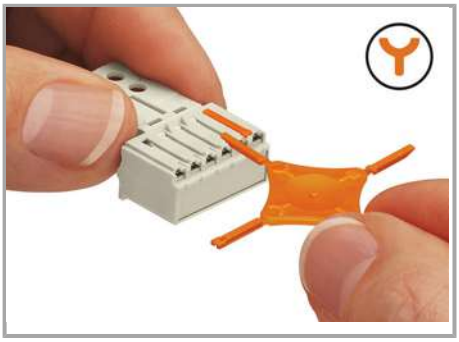


Inserting solid and ferruled conductors via push-in termination

Marking

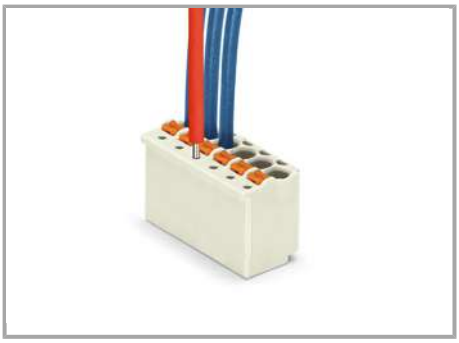
Pole marking via factory direct printing.

Coding



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

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