Data sheet | Item number: 2092-3122
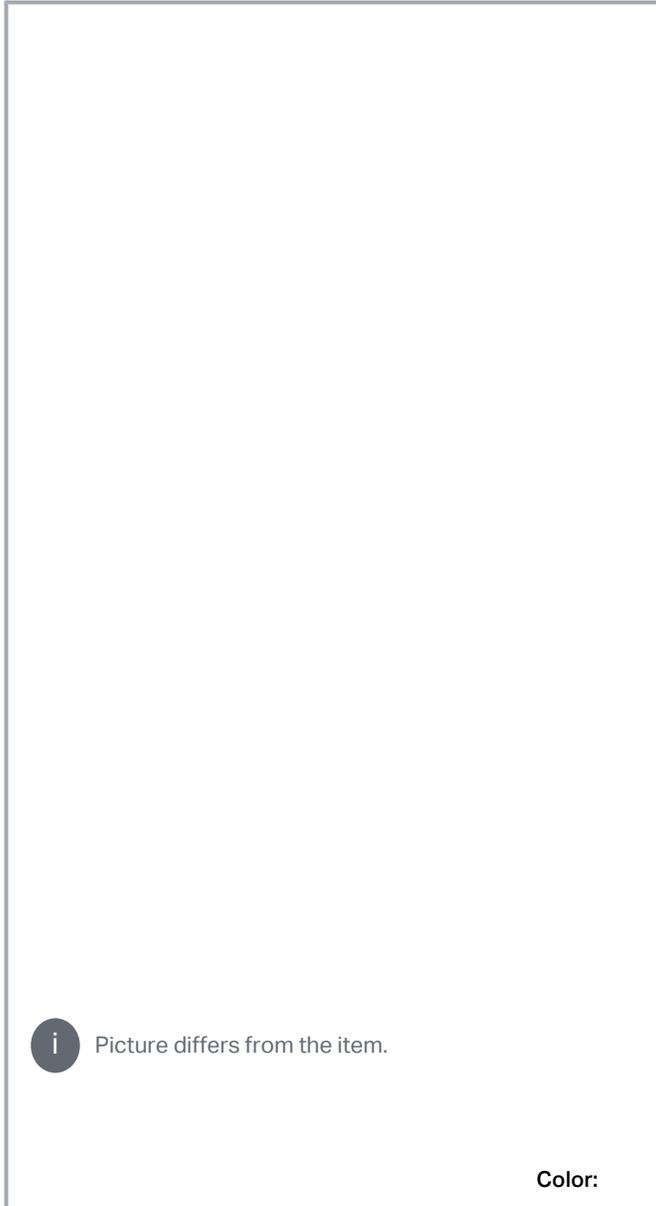
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 2-pole; 2,50 mm²; light gray

www.wago.com/2092-3122

i Picture differs from the item.

Color:

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

Do you have any questions about our products?

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Dimensions in mm

L = (pole no. – 1) x pin spacing + 5 mm

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

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

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Data
Notes

Safety information	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.
Variants:	Direct marking Other versions (or variants) can be requested from WAGO Sales or configured at https://configurator.wago.com/.

Electrical data

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal 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
Nominal voltage (II/2)	1000 V
Rated surge voltage (II/2)	6 kV
Rated current	16 A
Legend (ratings)	(III / 2) ≙ Overvoltage category III / Pollution degree 2

Ratings per UL

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 points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

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

Connection 1

Connection technology	Push-in CAGE CLAMP®
Actuation type	Push-button
Actuation direction 1	Operation parallel to conductor entry
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 insulated ferrule	0.25 … 1.5 mm²
Fine-stranded conductor; with uninsulated ferrule	0.25 … 2.5 mm²
Strip length	9 … 10 mm / 0.35 … 0.39 inches
Pole number	2

Physical data

Pin spacing	7.5 mm / 0.295 inches
Width	12.5 mm / 0.492 inches
Height	16.2 mm / 0.638 inches
Depth	13.4 mm / 0.528 inches

Mechanical Data

Variable coding	Yes
Anti-rotation protection	Yes

Plug-in connection

Contact type (pluggable connector)	Female connector/socket
Connector (connection type)	for conductor
Mismating protection	No
Plugging without loss of pin spacing	Yes
Locking of plug-in connection	none

Material Data

Note (material data)	
	Information on material specifications can be found here
Color	light gray
Material group	I
Insulation material	Polyphthalamide (PPA GF)

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

Flammability class per UL94	V0
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (E_{Cu})
Contact plating	Tin
Fire load	0.005 MJ
Weight	2.2 g

Environmental requirements

Limit temperature range	-60 … +100 °C
Processing temperature	-35 … +60 °C

Commercial data

Product Group	26 (picoMAX Connectors)
eCl@ss 10.0	27-14-11-06
eCl@ss 9.0	27-14-11-06
ETIM 8.0	EC001284
ETIM 7.0	EC001284
PU (SPU)	100 pcs
Packaging type	box
Country of origin	DE
GTIN	4050821164395
Customs tariff number	85366990990

Environmental Product Compliance

RoHS Compliance Status	Compliant,No Exemption

Approvals / Certificates

General approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB DEKRA Certification B.V.	IEC 61984	NL-49737 /A1
	CSA DEKRA Certification B.V.	C22.2 No. 158	2362521
	CSA DEKRA Certification B.V.	C22.2	2362521
	cURus	UL 1059	E45172

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

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Underwriters Laboratories Inc.

UL	UL 1977	E45171

Underwriters Laboratories Inc.

Counterpart

Item no.2092-3402 THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 7.5 mm; 2-pole; light gray	www.wago.com /2092-3402
Item no.2092-3402/005-000 THT male header; 1.4 mm Ø solder pin; straight; clamping collar; Pin spacing 7.5 mm; 2-pole; light gray	www.wago.com /2092-3402/005-000
Item no.2092-3402/200-000 THR male header; 1.4 mm Ø solder pin; straight; Pin spacing 7.5 mm; 2-pole; light gray	www.wago.com /2092-3402/200-000
Item no.2092-3402/205-000 THR male header; 1.4 mm Ø solder pin; straight; clamping collar; Pin spacing 7.5 mm; 2-pole; light gray	www.wago.com /2092-3402/205-000
Item no.2092-3422 THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 7.5 mm; 2-pole; light gray	www.wago.com /2092-3422
Item no.2092-3422/005-000 THT male header; 1.4 mm Ø solder pin; angled; clamping collar; Pin spacing 7.5 mm; 2-pole; light gray	www.wago.com /2092-3422/005-000
Item no.2092-3422/200-000 THR male header; 1.4 mm Ø solder pin; angled; Pin spacing 7.5 mm; 2-pole; light gray	www.wago.com /2092-3422/200-000
Item no.2092-3422/205-000 THR male header; 1.4 mm Ø solder pin; angled; clamping collar; Pin spacing 7.5 mm; 2-pole; light gray	www.wago.com /2092-3422/205-000
Item no.2092-3502/002-000 1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 2-pole; Gripping plate; 2,50 mm²; light gray	www.wago.com /2092-3502/002-000
Item no.2092-3522/002-000 1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 2-pole; Integrated release lever; 2,50 mm²; light gray	www.wago.com /2092-3522/002-000
Item no.2092-3522/020-000 1-conductor male connector; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 2-pole; DIN-35 rail/panel mounting; Snap-in mounting feet; Integrated release lever; 2,50 mm²; light gray	www.wago.com /2092-3522/020-000
Item no.2092-3702 THT male header; 1.4 mm Ø solder pin; straight; Pin spacing 7.5 mm; 2-pole; black	www.wago.com /2092-3702
Item no.2092-3702/200-000 THR male header; 1.4 mm Ø solder pin; straight; Pin spacing 7.5 mm; 2-pole; black	www.wago.com /2092-3702/200-000
Item no.2092-3722 THT male header; 1.4 mm Ø solder pin; angled; Pin spacing 7.5 mm; 2-pole; black	www.wago.com /2092-3722
Item no.2092-3722/200-000 THR male header; 1.4 mm Ø solder pin; angled; Pin spacing 7.5 mm; 2-pole; black	www.wago.com /2092-3722/200-000

Optional accessories

Strain relief

Strain relief plate

Item no.: 2092-3600

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

Gripping plate; for female and male connectors; 1 part; Pin spacing 7.5 mm; 2-pole; light gray		www.wago.com/2092-3600
Item no.: 2092-3600/002-000 Gripping plate with sliding connector release; for female and male connectors; 2 parts; Pin spacing 7.5 mm; 2-pole; light gray		www.wago.com/2092-3600 /002-000

Testing and measuring

Testing accessories

Item no.: 735-500 WAGO Test pin; 1 mm Ø; 30 V AC / 60 V DC; CAT0; 1 A; 6 mm uninsulated; Test lead for soldering up to 0,5mm²		www.wago.com/735-500

Tool

Operating tool

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

Downloads
Documentation

Additional Information

	2019 年4月3日	pdf 2.0 MB	Download

CAD/CAE-Data

CAD data

2D/3D Models 2092-3122	URL	Download

CAE data

ZUKEN Portal 2092-3122	URL	Download

Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2092-3122	URL	Download
1-conductor female connector; push-button; Push-in CAGE CLAMP®; 2.5 mm²; Pin spacing 7.5 mm; 2-pole; 2,50 mm²; light gray		

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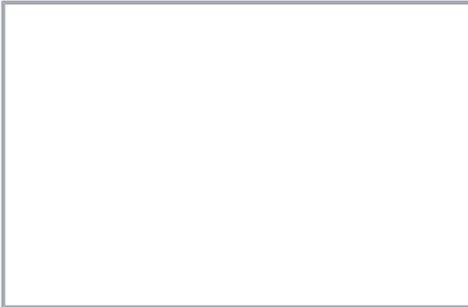
Installation Notes

Locking system

Disconnecting a female connector via unlocking tool. Plug unlocking tool into the male header's locking latch.
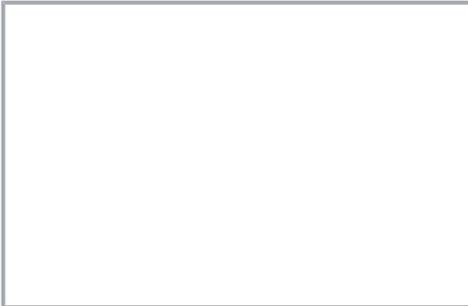
Insert unlocking tool until it hits the backstop. Wedge opens locking latches.
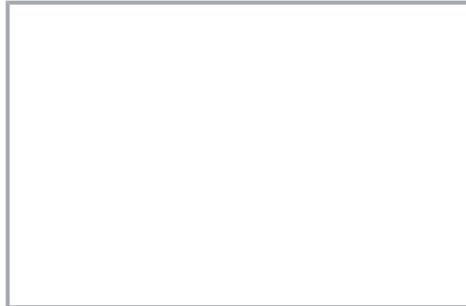
Pull on both unlocking tool and conductors to remove female connector from male header.

Conductor termination

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

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

Subject to changes. Please also observe the further product documentation!
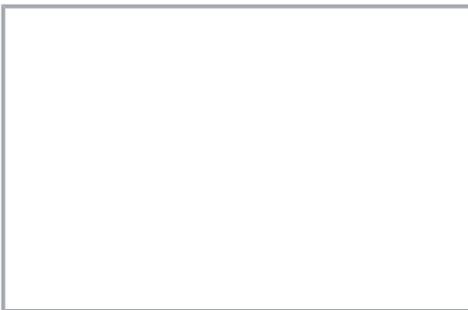
Inserting solid and ferruled conductors via push-in termination.

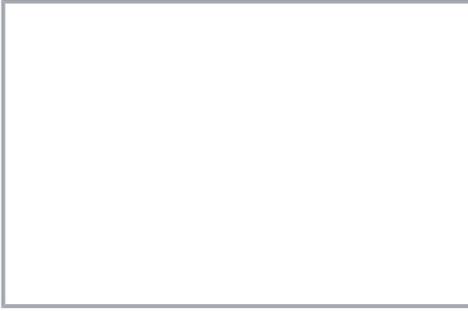## Marking

Pole marking via factory direct marking.

Coding

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

Testing

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Testing via 1 mm Ø test pin – touch contact.

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

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