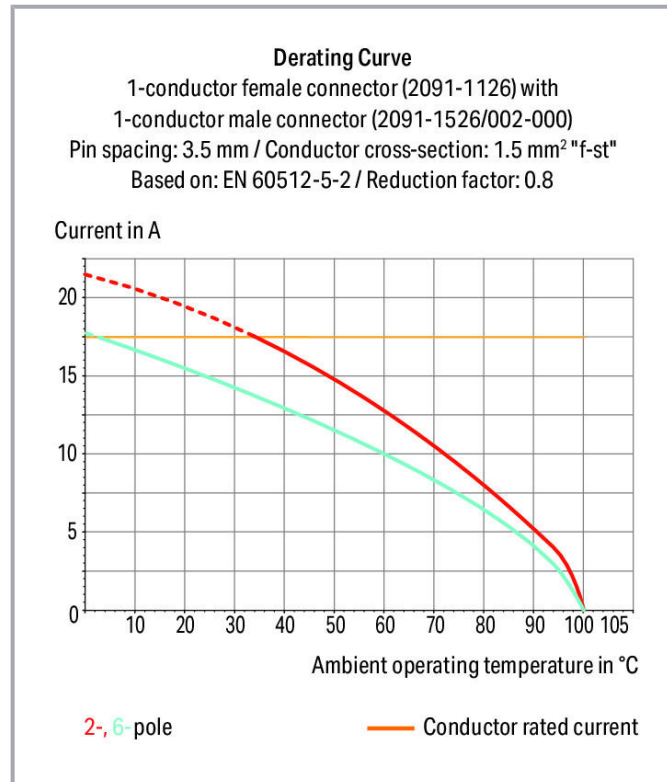


Data sheet | Item number: 2091-1502/002-000

1-conductor male connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; Gripping plate; 1,50 mm²; light gray

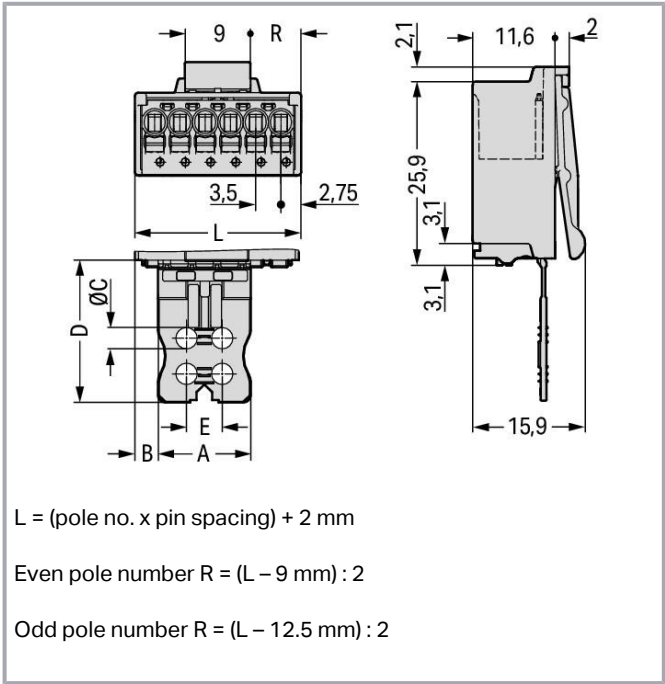
www.wago.com/2091-1502_002-000



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

Ratings per IEC/EN

Ratings per	IEC/EN 60664-1
Nominal voltage (III/3)	160 V

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Rated surge voltage (III/3)	2.5 kV
Rated voltage (III/2)	160 V
Rated surge voltage (III/2)	2.5 kV
Nominal voltage (II/2)	320 V
Rated surge voltage (II/2)	2.5 kV
Rated current	10 A
Legend (ratings)	(III / 2) $\hat{=}$ 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)	10 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 ... 1.5 mm ² / 24 ... 14 AWG
Fine-stranded conductor	0.2 ... 1.5 mm ² / 24 ... 14 AWG
Fine-stranded conductor; with insulated ferrule	0.25 ... 0.75 mm ²
Fine-stranded conductor; with uninsulated ferrule	0.25 ... 1.5 mm ²
Strip length	8 ... 9 mm / 0.31 ... 0.35 inch
Pole No.	2
Total number of connection points	2
Total number of potentials	2
Number of connection types	1
Number of levels	1

Physical data

Pin spacing	3.5 mm / 0.138 inch
Width	9 mm / 0.354 inch
Height	15.9 mm / 0.626 inch
Depth	44 mm / 1.732 inch

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Mechanical data

Design	With gripping plate
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Plug-in 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 _{Cu})
Contact plating	tin-plated
Fire load	0.072 MJ
Weight	2.8 g

Environmental requirements

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

Product Group	26 (picoMAX)
Packaging type	BOX
Country of origin	DE
GTIN	4050821161318
Customs tariff number	85366990990

Approvals / Certificates

Country specific Approvals

Logo	Approval	Additional Approval Text	Certificate name
	CB	IEC 61984	NL-49736

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DEKRA Certification B.V.			/A1
	CSA DEKRA Certification B.V.	C22.2	2362521
	CSA DEKRA Certification B.V.	C22.2 No. 158	2362521
	KEMA/KEUR DEKRA Certification B.V.	EN 61984	71- 102260 REV.1

UL-Approvals

Logo	Approval	Additional Approval Text	Certificate name
	UL Underwriters Laboratories Inc.	UL 1977	20190909- E45171
	UR Underwriters Laboratories Inc.	UL 1059	E45172- 20100415

Counterpart

	Item no.2091-1122 1-conductor female connector; push-button; 1.5 mm ² ; Pin spacing 3.5 mm; 2-pole; 1,50 mm ² ; light gray	www.wago.com/2091-1122
	Item no.2091-1302 THT female header; straight; Pin spacing 3.5 mm; 2-pole; 0.4 x 0.9 mm solder pin; light gray	www.wago.com/2091-1302
	Item no.2091-1322 THT female header; angled; Pin spacing 3.5 mm; 2-pole; 0.4 x 0.9 mm solder pin; light gray	www.wago.com/2091-1322

Optional accessories

Coding

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Item no.: 2091-1610

Coding key carrier; suitable for 3.5 mm pin spacing; orange

www.wago.com/2091-1610

Downloads

Documentation

Additional Information

Technical explanations	2019 Apr 3	pdf 2.0 MB	Download
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CAD/CAE-Data

CAE data

ZUKEN Portal 2091-1502/002-000	URL	Download
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CAD data

2D/3D Models 2091-1502/002-000	URL	Download
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Environmental Product Compliance

Compliance Search

Environmental Product Compliance 2091-1502/002-000	URL	Download
1-conductor male connector; Push-in CAGE CLAMP®; 1.5 mm²; Pin spacing 3.5 mm; 2-pole; Gripping plate; 1,50 mm²; light gray		

Installation Notes

Product family

picoMAX[®] 3.5

[Show all products from the family](#)

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