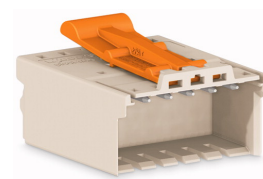


Male connector; 4-pole; pin spacing 3.5 mm / 0.138 in

Item No.: 2091-1524/002-000



Male connector; 4-pole; pin spacing 3.5 mm / 0.138 in

Marking

RoHS ✓
Compliant

Business data

Supplier	WAGO
Item no.	2091-1524/002-000
EAN	4050821161363
Content	1
Order amount	200
Customer item number	

Notes

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

Technical data

Miscellaneous

No. of Poles	4
Total number of connection points	4
Total number of potentials	4
Color	light gray
Ratings according to 1	IEC/EN 60664-1
Overvoltage category EN 1	III
Pollution degree (1)	2
Rated voltage EN (1) [V]	160 [V]

Technical data	
Rated surge voltage (1) [kV]	2.5 [kV]
Nominal current [A]	10 [A]
Overvoltage category EN 2	II
Degree of pollution (2)	2
Rated voltage EN (2) [V]	320 [V]
Bemessungsstossspannung (2) [kV]	2.5 [kV]
Nominal current (2) [A]	10 [A]
Overvoltage category EN 3	III
Degree of pollution (3)	3
Rated voltage EN (3) [V]	160 [V]
Rated surge voltage (3) [kV]	2.5 [kV]
Nominal current (3) [A]	10 [A]
Connection technology (1)	CAGE CLAMP® S
Conductor type (1)	solid
Cross section from (1) [mm²]	0.2 [mm²]
Cross section up to (1) [mm²]	1.5 [mm²]
Cross section from (1) [AWG]	24 [AWG]
Cross section up to (1) [AWG]	14 [AWG]
Conductor type (2)	fine-stranded
Cross section from (2) [mm²]	0.2 [mm²]
Cross section up to (2) [mm²]	1.5 [mm²]
Conductor type (3)	fine-stranded (with insulated ferrule)
Cross section from (3) [mm²]	0.25 [mm²]
Cross section up to (3) [mm²]	0.75 [mm²]
Conductor type (4)	fine-stranded (with uninsulated ferrule)
Cross section from (4) [mm²]	0.25 [mm²]
Cross section up to (4) [mm²]	1.5 [mm²]
Stripped length from (1) [mm]	8 [mm]
Stripped length up to (1) [mm]	9 [mm]
Strip length from [inch] [in]	0.31 [in]
Strip length up to [inch] [in]	0.35 [in]
Stripped length (1) [in]	0.33 [in]
Material group	I
Insulating material	Polyphthalamide glass fiber (PPA-GF)
Flammability rating per UL 94	V0

Technical data

Lower limit temperature [C]	-60 [C]
Upper temperature limit [C]	100 [C]
Clamping spring material	Chrome-nickel spring steel (CrNi)
Contact material	Electrolytic copper (Ecu)
Contact plating	tin-plated
Fire load [MJ]	0.108 [MJ]
Weight [g]	4.474 [g]
Width [mm]	16 [mm]
Width [in]	0.63 [in]
Height [mm]	15.9 [mm]
Height [in]	0.626 [in]
Length [mm]	28 [mm]
Length [in]	1.102 [in]
Pin spacing from [mm]	3.5 [mm]

Approbation

Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm², AWG]
2091-1524/002-000	UL	e45171	300	10	

Accessories

Coding

Item no.	Description	Pack. unit (Sub Pack)
2091-1610	Coding key carrier; suitable for 3.5 mm pin spacing	25

Strain relief

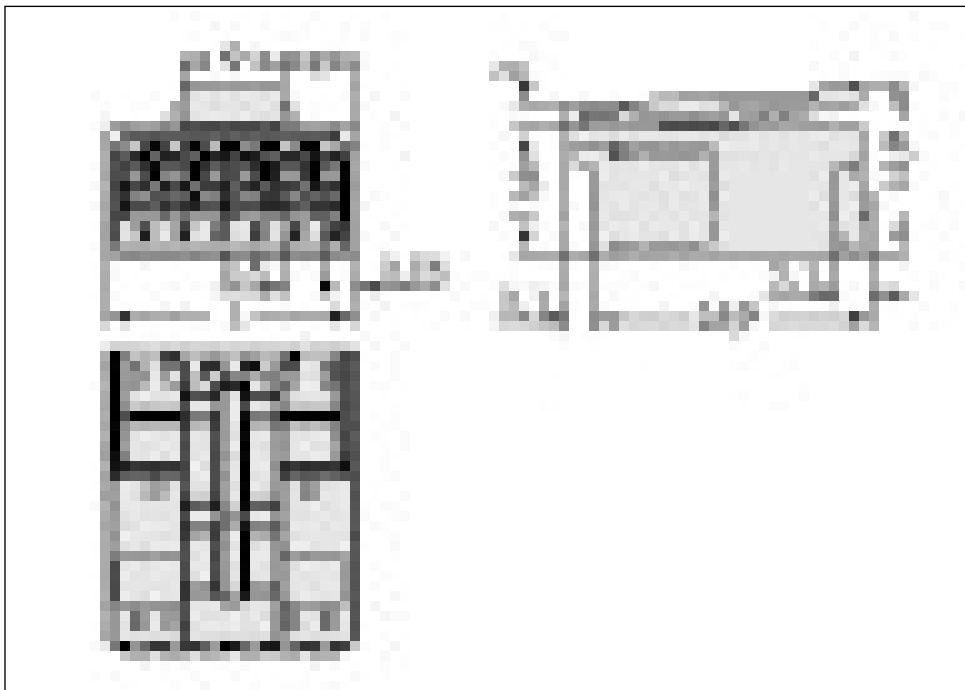
Item no.	Description	Pack. unit (Sub Pack)
2091-1601	Gripping plate; 3- to 4-pole; suitable for 3.5 mm pin spacing	25

Accessories

Counterpart

Item no.	Description	Pack. unit (Sub Pack)
2091-1104	Female connector with gripping plate; 4-pole; pin spacing 3.5 mm / 0.138 in	100
2091-1104/002-000	Female connector with gripping plate; Cable bundle function and unlocking aid; 4-pole; Pin spacing 3.5 mm / 0.138 in	100
2091-1124	Female connector; 4-pole; pin spacing 3.5 mm / 0.138 in	200
2091-1154	eCOM pluggable PCB connector with straight solder pins; with gripping plate; 4-pole; pin spacing 3.5 mm / 0.138 in	100
2091-1174	eCOM pluggable PCB connector with straight solder pins; without gripping plate; 4-pole; pin spacing 3.5 mm / 0.138 in	200
2091-1174/200-000	eCOM pluggable PCB connector with straight solder pins; without gripping plate; 4-pole; pin spacing 3.5 mm / 0.138 in	200
2091-1304	Female header with straight solder pins; 4-pole; pin spacing 3.5 mm / 0.138 in	200
2091-1324	Female header with angled solder pins; 4-pole; pin spacing 3.5 mm / 0.138 in	200
2091-1354	eCOM pluggable PCB connector with angled solder pins; with gripping plate; 4-pole; pin spacing 3.5 mm / 0.138 in	100
2091-1374	eCOM pluggable PCB connector with angled solder pins; without gripping plate; 4-pole; pin spacing 3.5 mm / 0.138 in	200
2091-1374/200-000	eCOM pluggable PCB connector with angled solder pins; without gripping plate; 4-pole; pin spacing 3.5 mm / 0.138 in	200

Images & drawings



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Technische Änderungen und Irrtümer vorbehalten.