

## Male connector; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismating

Item No.: 734-306



Male connector; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismating

### Marking

RoHS ✓  
Compliant

### Business data

Supplier	WAGO
Item no.	734-306
EAN	4044918513586
Content	1
Order amount	100
Customer item number	

### Notes

Universal connection for all conductor types  
Easy cable pre-assembly and on-unit wiring via vertical and horizontal  
CAGE CLAMP® actuation  
For "wire-to-wire" and "board-to-wire" connections  
Strain relief plates and housings for factory and in-the-field assembly  
100% protected against mismating  
Coding option available

### Technical data

#### Miscellaneous

No. of Poles	6
Total number of connection points	6
Total number of potentials	6
Color	light gray
Ratings according to 1	IEC/EN 60664-1
Overvoltage category EN 1	III
Pollution degree (1)	2

Technical data	
Rated voltage EN (1) [V]	160 [V]
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®
Conductor type (1)	solid
Cross section from (1) [mm²]	0.08 [mm²]
Cross section up to (1) [mm²]	1.5 [mm²]
Cross section from (1) [AWG]	28 [AWG]
Cross section up to (1) [AWG]	14 [AWG]
Conductor type (2)	fine-stranded
Cross section from (2) [mm²]	0.08 [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]	1.5 [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]	6 [mm]
Stripped length up to (1) [mm]	7 [mm]
Strip length from [inch] [in]	0.24 [in]
Strip length up to [inch] [in]	0.28 [in]
Stripped length (1) [in]	0.28 [in]
Material group	I

Technical data	
Insulating material	Polyamide 6.6 (PA 6.6)
Flammability rating per UL 94	V0
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]	0.102 [MJ]
Weight [g]	4.998 [g]
Width [mm]	23.4 [mm]
Width [in]	0.921 [in]
Height [mm]	13.4 [mm]
Height [in]	0.528 [in]
Length [mm]	22.3 [mm]
Length [in]	0.878 [in]
Pin spacing from [mm]	3.5 [mm]
Pin spacing up to [mm]	3.5 [mm]
Pin spacing from [in]	0.138 [in]
Pin spacing up to [in]	0.14 [in]

Approbation					
Item No.	Registration	Registration no.	Voltage [V]	Current [A]	Cross section [mm², AWG]
734-306	ABS	04-HG469925/1-PDA	250	10	0,5-1,5
734-306	BV	11915/A0	250	10	0,5-1,5
734-306	CCA	NL5641	250	10	0,5-1,5
734-306	CSA	154112-1465035	300	10	28-14
734-306	DNV	E-9218	250	10	0,5-1,5
734-306	GL	17296-00HH	250	10	0,5-1,5
734-306	KEMA	2077592.02	250	10	0,5-1,5
734-306	LR	96/20035	250	10	0,5-1,5
734-306	RMR	11130002	250	10	0,5-1,5
734-306	UL	E45172	300	10	28-14

### Approbation

734-306	UL	E45171	250	10	28-14
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### Accessories

#### Insulation stop

Item no.	Description	Pack. unit (Sub Pack)
734-671	Insulation stop; 0.08 - 0.2 mm <sup>2</sup> "s" (0.14 mm <sup>2</sup> "f-st"); 8 pieces/strip	25

#### Coding

Item no.	Description	Pack. unit (Sub Pack)
734-130	Coding key; to be snapped above top level	100

#### Strain relief

Item no.	Description	Pack. unit (Sub Pack)
734-128	Strain relief plate; 12.5 mm wide	25
734-606	Snap-on type strain relief housing; suitable for 3.5 mm pin spacing; 6-pole; consists of strain relief support and housing	25

## Accessories

### Counterpart

Item no.	Description	Pack. unit (Sub Pack)
2734-106	Female connector; with integrated push-buttons; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	100
2734-106/031-000	Female connector; with fixing flanges; 6-pole; with integrated push-buttons; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	50
2734-106/037-000	Female connector; with locking levers; 6-pole; with integrated push-buttons; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	50
2734-106/107-000	Female connector; with screw flange; 6-pole; with integrated push-buttons; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	50
734-106	Female connector; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	100
734-106/008-000	Female connector; with snap-in mounting foot; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable; Plate thickness 0.6x1.2 mm; Fixing holes 3.5 mm Ø	100
734-106/037-000	Female connector; with locking levers; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; codable	50
734-106/107-000	Female connector; with screw flange; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching	50
734-466	Female connector; with straight solder pins; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; solder pin 0.9 mm x 0.9 mm; codable; Vertical PCB mounting	100
734-466/037-000	Female connector; with locking levers; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; with straight solder pins; solder pin 0.9 mm x 0.9 mm; codable	50
734-536	Female connector; with angled solder pins; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; solder pin 0.9 mm x 0.9 mm; codable; Horizontal PCB mounting	100
734-536/037-000	Female connector; with locking levers; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; with angled solder pins; solder pin 0.9 mm x 0.9 mm; codable	50

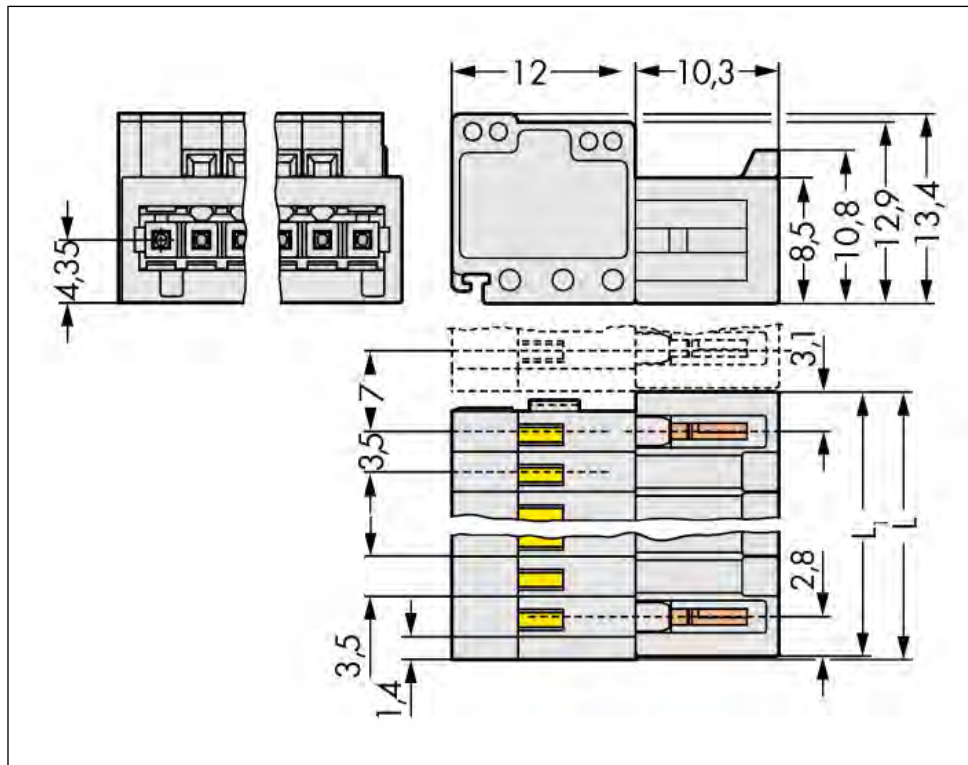
## Accessories

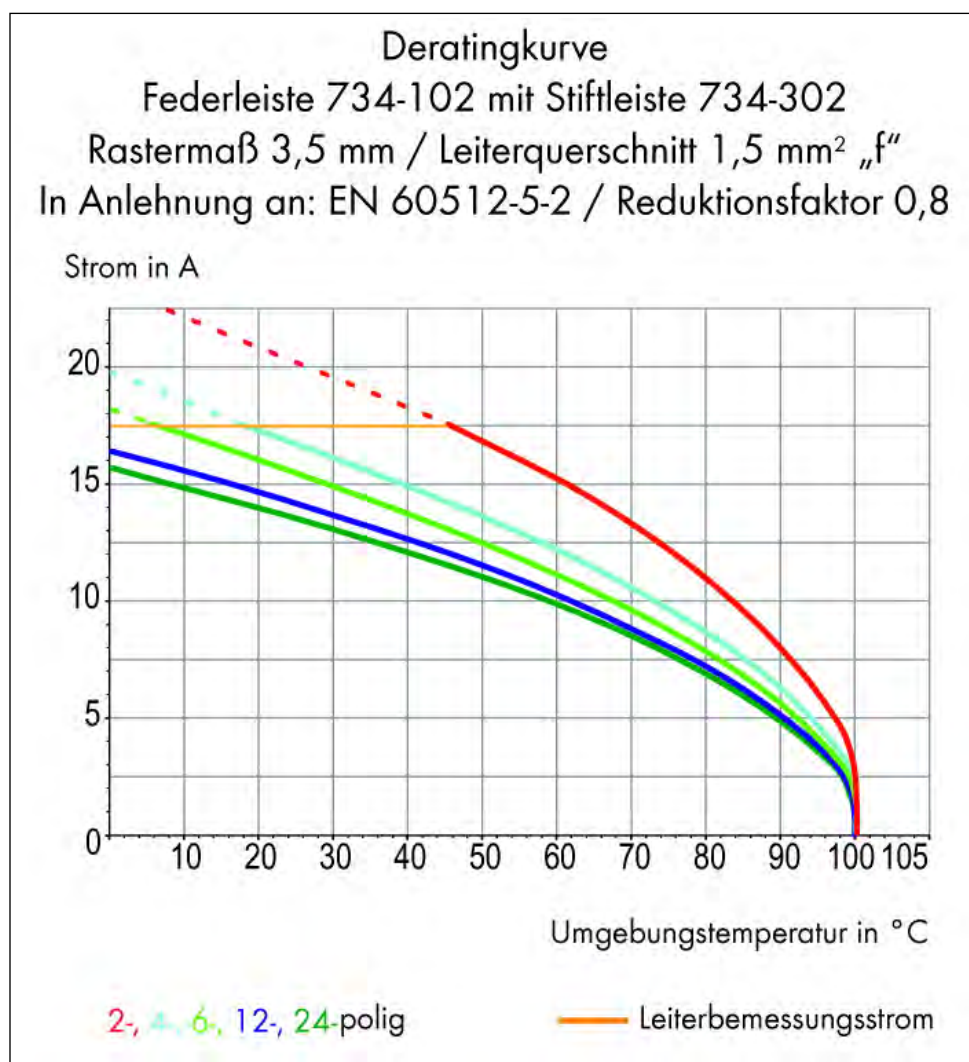
### General accessory

Item no.	Description	Pack. unit (Sub Pack)
210-199	Stickers for operating instructions; for multi connection system	100
210-719	Operating tool with partially insulated shaft; Type 1, blade (2.5 x 0.4) mm; suitable for 279, 726, 727, 2000, 2001 and 2020 series	1
734-190	Combination operating tool; for male and female connectors with CAGE CLAMP®	25
734-191	Operating tool; for male and female connectors with CAGE CLAMP®; loose	25
734-230	Push-button; for female and male connectors	25
734-231	Operating tool; for male and female connectors with CAGE CLAMP®; of 734 Series	25
734-420	Cover for male connectors; for 734 Series; IP20 protection	25

#### Images & drawings







#### Address

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Technische Änderungen und Irrtümer vorbehalten.