

Printview: Male connector; with fixing flanges; 6-pole; pin spacing 3.5 mm / 0.138 in; 100% protected against mismatching; for screw or similar mounting types; for parallel or perpendicular mounting - Item No.: 734-306/019-000

**WAGO**® online catalog / eShop

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## Marking

RoHS ✓  
Compliant

## Business data

|                      |                 |
|----------------------|-----------------|
| Supplier             | WAGO            |
| Item no.             | 734-306/019-000 |
| EAN                  | 4044918514361   |
| Content              | 1               |
| Order amount         | 50              |
| 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 mismatching  
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 |

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| <b>Technical data</b>                      |  |
|--|--|
| Overvoltage category EN 1                  | III                                      |
| Pollution degree (1)                       | 2  |
| 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) [mm <sup>2</sup> ]  | 0.08 [mm <sup>2</sup> ]                  |
| Cross section up to (1) [mm <sup>2</sup> ] | 1.5 [mm <sup>2</sup> ]                   |
| Cross section from (1) [AWG]               | 28 [AWG]                                 |
| Cross section up to (1) [AWG]              | 14 [AWG]                                 |
| Conductor type (2)                         | fine-stranded                            |
| Cross section from (2) [mm <sup>2</sup> ]  | 0.08 [mm <sup>2</sup> ]                  |
| Cross section up to (2) [mm <sup>2</sup> ] | 1.5 [mm <sup>2</sup> ]                   |
| Conductor type (3)                         | fine-stranded (with insulated ferrule)   |
| Cross section from (3) [mm <sup>2</sup> ]  | 0.25 [mm <sup>2</sup> ]                  |
| Cross section up to (3) [mm <sup>2</sup> ] | 1.5 [mm <sup>2</sup> ]                   |
| Conductor type (4)                         | fine-stranded (with uninsulated ferrule) |
| Cross section from (4) [mm <sup>2</sup> ]  | 0.25 [mm <sup>2</sup> ]                  |
| Cross section up to (4) [mm <sup>2</sup> ] | 1.5 [mm <sup>2</sup> ]                   |
| Stripped length from (1) [mm]              | 6 [mm]                                   |
| Stripped length up to (1) [mm]             | 7 [mm]                                   |
| Strip length from [inch] [in]              | 0.24 [in]                                |

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| Technical data                 |                                   |
|--------------------------------|-----------------------------------|
| Strip length up to [inch] [in] | 0.28 [in]                         |
| Stripped length (1) [in]       | 0.28 [in]                         |
| Material group                 | I                                 |
| 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]                 | 0.124 [MJ]                        |
| Weight [g]                     | 6 [g]                             |
| Width [mm]                     | 35.8 [mm]                         |
| Width [in]                     | 1.409 [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] |
| 734-306/019-000 | ABS          | 04-HG469925/1-PDA | 250         | 10          | 0,5-1,5                  |
| 734-306/019-000 | CCA          | NL5641            | 250         | 10          | 0,5-1,5                  |
| 734-306/019-000 | CSA          | 154112-1465035    | 300         | 10          | 28-14                    |
| 734-306/019-000 | KEMA         | 2077592.02        | 250         | 10          | 0,5-1,5                  |
| 734-306/019-000 | UL           | E45171            | 250         | 10          | 28-14                    |
| 734-306/019-000 | UL           | E45172            | 300         | 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                    |

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## 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                    |

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## Accessories

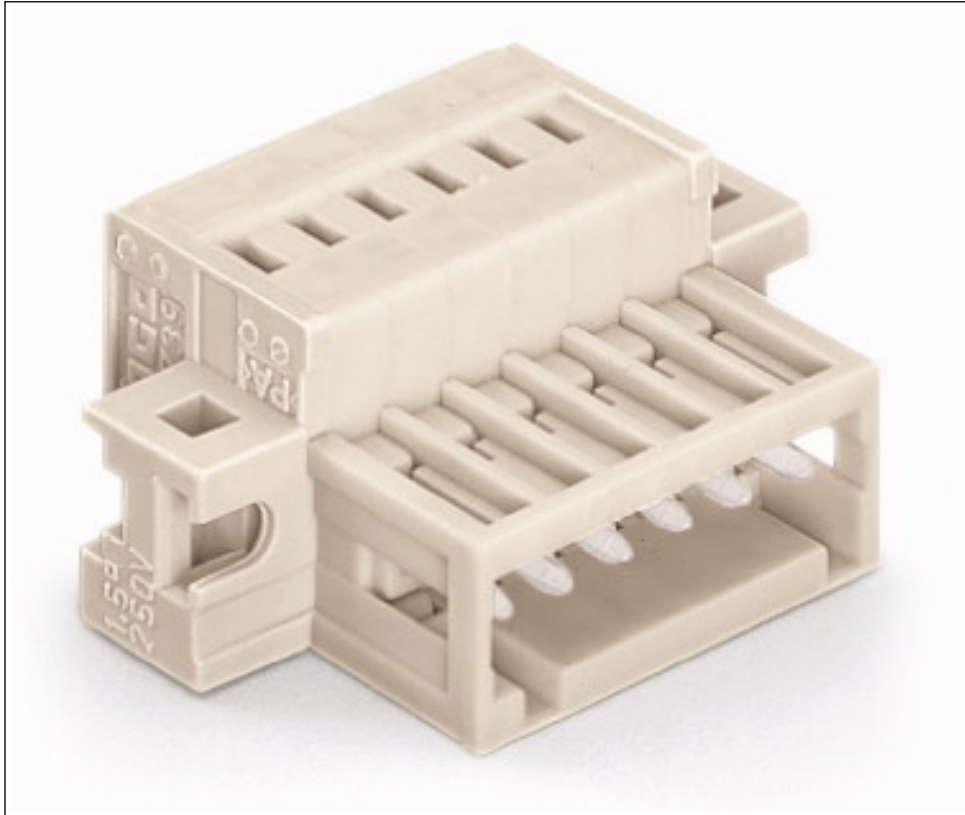
### *General accessory*

| Item no. | Description  | Pack. unit (Sub Pack) |
|----------|--|-----------------------|
| 210-199  | Stickers for operating instructions; for multi connection system               | 100                   |
| 231-195  | Screw with nut; M2x12; for fixing element                                      | 100                   |
| 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                    |

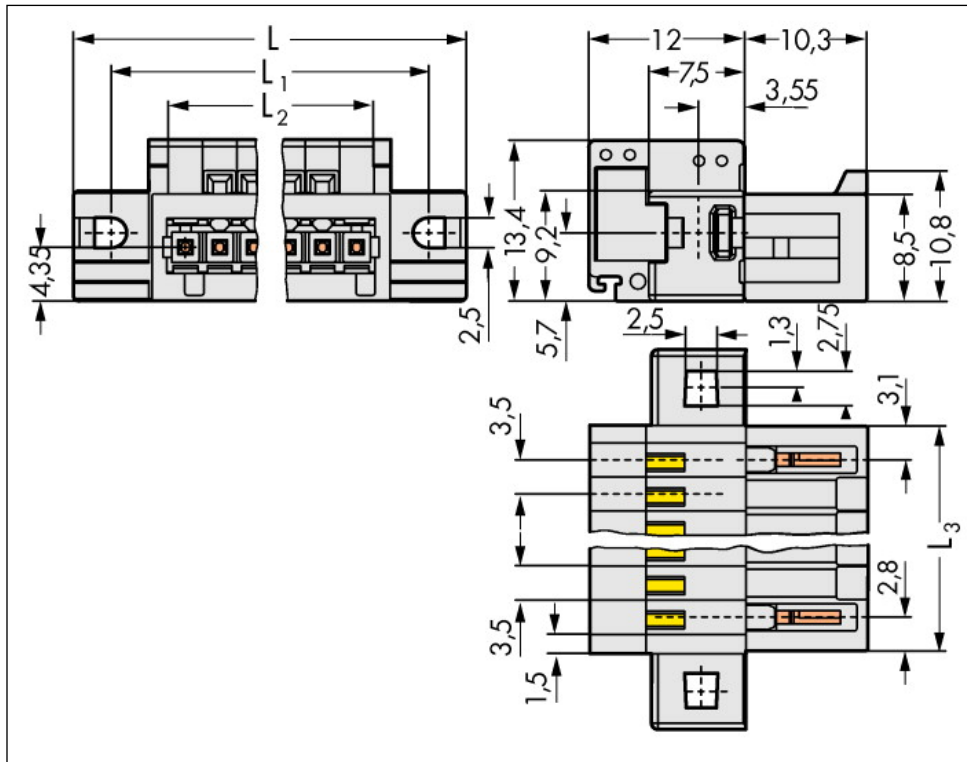
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### Images & drawings



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#### Address

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Technische Änderungen und Irrtümer vorbehalten.