

**KP-M10/-16****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

[www.weidmueller.com](http://www.weidmueller.com)

The use of insulated connectors guarantees users consistent electrical connection quality in the long term.

- Wide range of insulated and non-insulated cable lugs and connectors
- Tubular cable lugs according to current market standards (Euroseries)
- Compression cable lugs acc. to DIN 46235
- Sheet metal cable lugs acc. to DIN 46234
- Insulated ring cable lugs to DIN 46237
- Insulated pin cable lugs to DIN 46231

**General ordering data**

|            |                                             |
|------------|---------------------------------------------|
| Version    | cable lug, terminal end, 16 mm <sup>2</sup> |
| Order No.  | <a href="#">1497950000</a>                  |
| Type       | KP-M10/-16                                  |
| GTIN (EAN) | 4050118307450                               |
| Qty.       | 100 ST                                      |

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## Technical data

### Approvals

|      |         |
|------|---------|
| ROHS | Conform |
|------|---------|

### Dimensions and weights

|            |         |
|------------|---------|
| Net weight | 13.15 g |
|------------|---------|

### Environmental Product Compliance

|                        |                             |
|------------------------|-----------------------------|
| RoHS Compliance Status | Compliant without exemption |
| REACH SVHC             | No SVHC above 0.1 wt%       |

### Technical data

|         |                               |
|---------|-------------------------------|
| Version | DIN series 46235,<br>standard |
|---------|-------------------------------|

### Connectors

|                                |                    |                                |               |
|--------------------------------|--------------------|--------------------------------|---------------|
| Conductor cross-section        | 16 mm <sup>2</sup> | Insulation                     | not available |
| Hole                           | M10                | Inside diameter of shaft (d1)  | 5.5 mm        |
| Outside diameter of shaft (d3) | 8.5 mm             | Shaft length (a)               | 20 mm         |
| Connection length (l)          | 38 mm              | Inside diameter of flange (d2) | 10.5 mm       |
| Flange width (b)               | 16.5 mm            | Identification number Cu       | 8 K           |

### Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001050    | ETIM 7.0    | EC001050    |
| ETIM 8.0    | EC001050    | ETIM 9.0    | EC001050    |
| ETIM 10.0   | EC001050    | ECLASS 9.0  | 27-40-02-03 |
| ECLASS 9.1  | 27-40-02-03 | ECLASS 10.0 | 27-40-02-03 |
| ECLASS 11.0 | 27-40-02-03 | ECLASS 12.0 | 27-40-02-03 |
| ECLASS 13.0 | 27-40-02-03 | ECLASS 14.0 | 27-40-02-03 |
| ECLASS 15.0 | 27-40-02-03 |             |             |



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## Accessories

### Crimping tools

Crimping tools for non-insulated connectors  
 Rolled cable lugs, tubular cable lugs, terminal pins,  
 parallel and serial connectors

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation

### General ordering data

|            |                            |                                                                                              |
|------------|----------------------------|----------------------------------------------------------------------------------------------|
| Type       | CTN 25 D5                  | Version                                                                                      |
| Order No.  | <a href="#">9006230000</a> | Pressing tool, Crimping tool for contacts, 10mm <sup>2</sup> , 25mm <sup>2</sup> , Hexagonal |
| GTIN (EAN) | 4008190198459              | crimp                                                                                        |
| Qty.       | 1 ST                       |                                                                                              |

### Crimping tool for tubular (EN 13600) and compression cable lugs (DIN 46235)



Crimping tools for tubular and compression cable lugs  
 with swivel crimping star.

- Integrated crimping star for different cross-sections
- Hexagon crimping tools for compression cable lugs
- WM-From crimping tools for tubular cable lugs
- wide processing range up to 70 or 120 mm<sup>2</sup>

### General ordering data

|            |                            |                                                          |
|------------|----------------------------|----------------------------------------------------------|
| Type       | PZ PK 6/70                 | Version                                                  |
| Order No.  | <a href="#">1500470000</a> | 6mm <sup>2</sup> , 70mm <sup>2</sup> , Hexagonal crimp   |
| GTIN (EAN) | 4050118309263              |                                                          |
| Qty.       | 1 ST                       |                                                          |
| Type       | PZ PK 10/120               | Version                                                  |
| Order No.  | <a href="#">1500480000</a> | 10mm <sup>2</sup> , 120mm <sup>2</sup> , Hexagonal crimp |
| GTIN (EAN) | 4050118309089              |                                                          |
| Qty.       | 1 ST                       |                                                          |

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## Accessories

### Tools

Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm<sup>2</sup>
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

### General ordering data

|            |                            |                                                                                          |
|------------|----------------------------|------------------------------------------------------------------------------------------|
| Type       | EPG 45                     | Version                                                                                  |
| Order No.  | <a href="#">1500830000</a> | Pressing tool, 6mm <sup>2</sup> , 150mm <sup>2</sup> , Hexagonal crimp, WM crimp, Indent |
| GTIN (EAN) | 4050118309317              | crimp, Trapezoidal crimp, Oval crimping                                                  |
| Qty.       | 1 ST                       |                                                                                          |

### ... for tubular cable lugs (acc. to EN 13600)



Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm<sup>2</sup>
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

### General ordering data

|            |                            |                              |
|------------|----------------------------|------------------------------|
| Type       | ES EPG 45 WM 16/35         | Version                      |
| Order No.  | <a href="#">1500920000</a> | 35mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118309478              |                              |
| Qty.       | 1 ST                       |                              |

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## Accessories

### ... for compression cable lugs (acc. to DIN 46235)

Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm<sup>2</sup>
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

#### General ordering data

|            |                            |                                     |
|------------|----------------------------|-------------------------------------|
| Type       | ES EPG 45 HEX 16/35        | Version                             |
| Order No.  | <a href="#">1500950000</a> | 35mm <sup>2</sup> , Hexagonal crimp |
| GTIN (EAN) | 4050118309492              |                                     |
| Qty.       | 1 ST                       |                                     |

### Tools

Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm<sup>2</sup>
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

#### General ordering data

|            |                            |                                                                                                                                                         |
|------------|----------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------|
| Type       | EPG 60                     | Version                                                                                                                                                 |
| Order No.  | <a href="#">2453810000</a> | Pressing tools, Tools, Pressing tool, 6mm <sup>2</sup> , 300mm <sup>2</sup> , Hexagonal crimp, WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping |
| GTIN (EAN) | 4050118468434              |                                                                                                                                                         |
| Qty.       | 1 ST                       |                                                                                                                                                         |

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## Accessories

### ... for tubular cable lugs

Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm<sup>2</sup>
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

#### General ordering data

|            |                            |                                                    |
|------------|----------------------------|----------------------------------------------------|
| Type       | ES EPG/HPG 60 WM 16        | Version                                            |
| Order No.  | <a href="#">2469550000</a> | Crimping tool insert, 16mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118483833              |                                                    |
| Qty.       | 1 ST                       |                                                    |

### ... for compression cable lugs

Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm<sup>2</sup>
- 270° revolving quick-action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

#### General ordering data

|            |                            |                                                           |
|------------|----------------------------|-----------------------------------------------------------|
| Type       | ES EPG/HPG 60 HEX 16       | Version                                                   |
| Order No.  | <a href="#">2505170000</a> | Crimping tool insert, 16mm <sup>2</sup> , Hexagonal crimp |
| GTIN (EAN) | 4050118519549              |                                                           |
| Qty.       | 1 ST                       |                                                           |

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## Accessories

## Tools

Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 400 mm<sup>2</sup>
- 360° revolving quick action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- Additional features for APG series:
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB

## General ordering data

|            |                            |                                                                                  |
|------------|----------------------------|----------------------------------------------------------------------------------|
| Type       | HPG 60                     | Version                                                                          |
| Order No.  | <a href="#">2453820000</a> | 6mm <sup>2</sup> , 300mm <sup>2</sup> , Hexagonal crimp, WM crimp, Indent crimp, |
| GTIN (EAN) | 4050118468427              | Trapezoidal crimp, Oval crimping                                                 |
| Qty.       | 1 ST                       |                                                                                  |
| Type       | APG 80                     | Version                                                                          |
| Order No.  | <a href="#">1502390000</a> | 6mm <sup>2</sup> , 400mm <sup>2</sup>                                            |
| GTIN (EAN) | 4050118310627              |                                                                                  |
| Qty.       | 1 ST                       |                                                                                  |

## ... for tubular cable lugs (acc. to EN 13600)

Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 400 mm<sup>2</sup>
- 360° revolving quick action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- Additional features for APG series:
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB

## General ordering data

|            |                            |                              |
|------------|----------------------------|------------------------------|
| Type       | ES APG 80 WM 16            | Version                      |
| Order No.  | <a href="#">1502470000</a> | 16mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118310498              |                              |
| Qty.       | 1 ST                       |                              |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****... for compression cable lugs (acc. to DIN 46235)**

Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- extremely fast processing thanks to hydraulic support
- large processing range up to 400 mm<sup>2</sup>
- 360° revolving quick action crimping head
- automatic pressure limitation and monitoring via pressure sensor
- Additional features for APG series:
- electronic control and monitoring of the crimping process
- Saving of all crimping cycles and error messages to internal memory
- Reading of all cycles and error messages via USB

**General ordering data**

|            |                            |                                     |
|------------|----------------------------|-------------------------------------|
| Type       | ES APG 80 HEX 16           | Version                             |
| Order No.  | <a href="#">1502630000</a> | 16mm <sup>2</sup> , Hexagonal crimp |
| GTIN (EAN) | 4050118310436              |                                     |
| Qty.       | 1 ST                       |                                     |