

**KWN-M12/-6 90****Weidmüller Interface GmbH & Co. KG**Klingenbergstraße 26  
D-32758 Detmold  
Germany

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,6 mm <sup>2</sup> ,6 mm <sup>2</sup> - 6 mm <sup>2</sup> |
| Order No.  | <a href="#">1496170000</a>   |
| Type       | KWN-M12/-6 90  |
| GTIN (EAN) | 4050118305869  |
| Qty.       | 100 items  |

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**Technical data**

**Approvals**

ROHS Conform

**Dimensions and weights**

Net weight 6.6 g

**Environmental Product Compliance**

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

**Technical data**

Version Euro series 90°

**Connectors**

|                                |                   |                                |                   |
|--------------------------------|-------------------|--------------------------------|-------------------|
| Conductor cross-section, max.  | 6 mm <sup>2</sup> | Conductor cross-section, min.  | 6 mm <sup>2</sup> |
| Conductor cross-section        | 6 mm <sup>2</sup> | Insulation                     | not available     |
| Hole                           | M 12              | Identification colour          | None              |
| Inside diameter of shaft (d1)  | 3.5 mm            | Outside diameter of shaft (d3) | 6.5 mm            |
| Shaft length (a)               | 8 mm              | Connection length (l)          | 18.2 mm           |
| Inside diameter of flange (d2) | 13 mm             | Flange width (b)               | 20 mm             |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC001051    | ETIM 9.0    | EC001051    |
| ETIM 10.0   | EC001051    | ECLASS 14.0 | 27-40-02-05 |
| ECLASS 15.0 | 27-40-02-05 |             |             |



## KWN-M12/-6 90

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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       | HTN 21                     | Version   |  |
| Order No.  | <a href="#">9014610000</a> | Pressing tool, Crimping tool for contacts, 0.5mm <sup>2</sup> , 6mm <sup>2</sup> , Indent |  |
| GTIN (EAN) | 4008190152734              | 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 RK 6/70                 | Version  |  |
| Order No.  | <a href="#">1500440000</a> | 6mm <sup>2</sup> , 70mm <sup>2</sup> , Hexagonal crimp, WM crimp |  |
| GTIN (EAN) | 4050118309058              |  |  |
| 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

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## Accessories

## 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 6             | Version                                  |  |
| Order No.  | <a href="#">1500850000</a> | Accessories, 6mm <sup>2</sup> , WM crimp |  |
| GTIN (EAN) | 4050118309485              |  |  |
| Qty.       | 1 ST                       |  |  |

## ... 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 6            | Version                            |  |
| Order No.  | <a href="#">1500930000</a> | 6mm <sup>2</sup> , Hexagonal crimp |  |
| GTIN (EAN) | 4050118309508              |                                    |  |
| Qty.       | 1 ST                       |                                    |  |

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## Tools



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- 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 |
| GTIN (EAN) | 4050118468434              | crimp, WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping                         |
| Qty.       | 1 ST                       |   |

## ... 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 6         | Version   |
| Order No.  | <a href="#">2469380000</a> | Crimping tool insert, 6mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118532937              |   |
| Qty.       | 1 ST                       |   |

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## Accessories

## ... 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 6        | Version   |  |
| Order No.  | <a href="#">2505150000</a> | Accessories, 6mm <sup>2</sup> , Hexagonal crimp |  |
| GTIN (EAN) | 4050118519532              |   |  |
| 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 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                       |  |  |

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## Accessories

## ... 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 6             | Version                     |  |
| Order No.  | <a href="#">1502430000</a> | 6mm <sup>2</sup> , WM crimp |  |
| GTIN (EAN) | 4050118310801              |                             |  |
| Qty.       | 1 ST                       |                             |  |

## ... 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 6            | Version                            |  |
| Order No.  | <a href="#">1502600000</a> | 6mm <sup>2</sup> , Hexagonal crimp |  |
| GTIN (EAN) | 4050118310672              |                                    |  |
| Qty.       | 1 ST                       |                                    |  |