

**KWN-M5/-6 90****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, 6 mm <sup>2</sup> |
| Order No.  | <a href="#">1496120000</a>                 |
| Type       | KWN-M5/-6 90                               |
| GTIN (EAN) | 4050118305753                              |
| Qty.       | 100 pc(s).                                 |

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[www.weidmueller.com](http://www.weidmueller.com)**Technical data****Dimensions and weights**

|            |        |
|------------|--------|
| Net weight | 5.38 g |
|------------|--------|

**Technical data**

|         |                 |
|---------|-----------------|
| Version | Euro series 90° |
|---------|-----------------|

**Connectors**

|                                |                   |                                |         |
|--------------------------------|-------------------|--------------------------------|---------|
| Conductor cross-section        | 6 mm <sup>2</sup> | Connection length (l)          | 11.2 mm |
| Flange width (b)               | 11 mm             | Hole                           | M 5     |
| Inside diameter of flange (d2) | 5.3 mm            | Inside diameter of shaft (d1)  | 3.5 mm  |
| Insulation                     | not available     | Outside diameter of shaft (d3) | 6.5 mm  |
| Shaft length (a)               | 8 mm              |                                |         |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001051    | ETIM 7.0    | EC001051    |
| ETIM 8.0    | EC001051    | ETIM 9.0    | EC001051    |
| ECLASS 9.0  | 27-40-02-05 | ECLASS 9.1  | 27-40-02-05 |
| ECLASS 10.0 | 27-40-02-05 | ECLASS 11.0 | 27-40-02-05 |
| ECLASS 12.0 | 27-40-02-05 | ECLASS 13.0 | 27-40-02-05 |

**Approvals**

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

**Downloads**

|            |  |
|------------|--|
| Catalogues | <a href="#">Catalogues in PDF-format</a> |
|------------|--|

|           |
|-----------|
| Brochures |
|-----------|

## KWN-M5/-6 90

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## Drawings



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[www.weidmueller.com](http://www.weidmueller.com)**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 crimp |
| GTIN (EAN) | 4008190152734              |   |
| Qty.       | 1 pc(s).                   |   |

**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> |
| GTIN (EAN) | 4050118309058              |                                      |
| Qty.       | 1 pc(s).                   |                                      |

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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 6            | Version         |
| Order No.  | <a href="#">1500930000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118309508              |                 |
| Qty.       | 1 pc(s).                   |                 |

## ... 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 pc(s).                   |                             |

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## Accessories

## Tools

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**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 pc(s).                   |  |
| Type       | APG 80                     | Version  |
| Order No.  | <a href="#">1502390000</a> | 6mm <sup>2</sup> , 400mm <sup>2</sup>  |
| GTIN (EAN) | 4050118310627              |  |
| Qty.       | 1 pc(s).                   |  |

**... 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, WM crimp |
| GTIN (EAN) | 4050118532937              |                                |
| Qty.       | 1 pc(s).                   |                                |

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## Tools

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

## ... 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 pc(s).                   |  |

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## Accessories

## ... for compression cable lugs

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- extremely fast processing thanks to hydraulic support
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- 270° revolving quick-action crimping head
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- 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, Hexagonal crimp |
| GTIN (EAN) | 4050118519532              |                              |
| Qty.       | 1 pc(s).                   |                              |

## ... 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> | Hexagonal crimp |
| GTIN (EAN) | 4050118310672              |                 |
| Qty.       | 1 pc(s).                   |                 |