

**KWN-M8/-10 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, 10 mm <sup>2</sup> |
| Order No.  | <a href="#">1497040000</a>                  |
| Type       | KWN-M8/-10 90                               |
| GTIN (EAN) | 4050118306576                               |
| Qty.       | 100 pc(s).                                  |

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

|            |        |
|------------|--------|
| Net weight | 6.71 g |
|------------|--------|

**Technical data**

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

**Connectors**

|                                |                    |                                |         |
|--------------------------------|--------------------|--------------------------------|---------|
| Conductor cross-section        | 10 mm <sup>2</sup> | Connection length (l)          | 15.5 mm |
| Flange width (b)               | 15 mm              | Hole                           | M8      |
| Inside diameter of flange (d2) | 8.4 mm             | Inside diameter of shaft (d1)  | 4.5 mm  |
| Insulation                     | not available      | Outside diameter of shaft (d3) | 7 mm    |
| Shaft length (a)               | 9 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 |
| ECLASS 14.0 | 27-40-02-05 |             |             |

**Environmental Product Compliance**

|                        |                             |
|------------------------|-----------------------------|
| REACH SVHC             | /                           |
| RoHS Compliance Status | Compliant without exemption |

**Approvals**

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

**Downloads**

|                  |  |
|------------------|--|
| Engineering Data | <a href="#">CAD data – STEP</a>          |
| Catalogues       | <a href="#">Catalogues in PDF-format</a> |
| Brochures        |  |

## KWN-M8/-10 90

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## Drawings



## KWN-M8/-10 90

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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 10/70        | Version         |
| Order No.  | <a href="#">1500940000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118309522              |                 |
| 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**

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**General ordering data**

|            |                            |          |
|------------|----------------------------|----------|
| Type       | ES EPG 45 WM 10/70         | Version  |
| Order No.  | <a href="#">1500870000</a> | WM crimp |
| GTIN (EAN) | 4050118309256              |          |
| Qty.       | 1 pc(s).                   |          |

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**General ordering data**

|            |                            |                                       |
|------------|----------------------------|---------------------------------------|
| Type       | ES EPG/HPG 60 HEX 10       | Version                               |
| Order No.  | <a href="#">2505160000</a> | Crimping tool insert, Hexagonal crimp |
| GTIN (EAN) | 4050118519556              |                                       |
| 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 10/120               | Version                                |
| Order No.  | <a href="#">1500450000</a> | 10mm <sup>2</sup> , 120mm <sup>2</sup> |
| GTIN (EAN) | 4050118309065              |  |
| Qty.       | 1 pc(s).                   |  |

  

|            |                            |                                      |
|------------|----------------------------|--------------------------------------|
| 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

## Tools

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## 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 crimp, Trapezoidal crimp, Oval crimping                        |
| GTIN (EAN) | 4050118309317              |   |
| 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, WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping |
| GTIN (EAN) | 4050118468434              |   |
| Qty.       | 1 pc(s).                   |   |

## 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, Trapezoidal crimp, Oval crimping |
| GTIN (EAN) | 4050118468427              |   |
| 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).                   |   |

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## Accessories

## ... for tubular cable lugs

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**General ordering data**

|            |                            |                                |
|------------|----------------------------|--------------------------------|
| Type       | ES EPG/HPG 60 WM 10        | Version                        |
| Order No.  | <a href="#">2469540000</a> | Crimping tool insert, WM crimp |
| GTIN (EAN) | 4050118483819              |                                |
| Qty.       | 1 pc(s).                   |                                |

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

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- 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 WM10             | Version                      |
| Order No.  | <a href="#">1502440000</a> | 10mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118310542              |                              |
| Qty.       | 1 pc(s).                   |                              |

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- 360° revolving quick action crimping head
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- Additional features for APG series:
- electronic control and monitoring of the crimping process
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**General ordering data**

|            |                            |                 |
|------------|----------------------------|-----------------|
| Type       | ES APG 80 HEX 10           | Version         |
| Order No.  | <a href="#">1502620000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310818              |                 |
| Qty.       | 1 pc(s).                   |                 |