

**ES APG 80 WM 16****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

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

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

|            |         |
|------------|---------|
| Net weight | 336.4 g |
|------------|---------|

**Crimp inserts**

|                            |    |                |      |
|----------------------------|----|----------------|------|
| Crimp cross-section copper | 16 | Crimping width | 7 mm |
| Crimping width in mm       | 7  |                |      |

**Description of contact**

|                                   |   |                      |                    |
|-----------------------------------|---|----------------------|--------------------|
| Conductor cross-section, max. AWG | 6 | Crimping range, max. | 16 mm <sup>2</sup> |
|-----------------------------------|---|----------------------|--------------------|

**tool data crimping**

|                         |          |                    |
|-------------------------|----------|--------------------|
| Cable lug cross section | nominal  | 16 mm <sup>2</sup> |
| Crimping type/profile   | WM crimp |                    |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC001282    | ETIM 7.0    | EC001282    |
| ETIM 8.0    | EC001282    | ETIM 9.0    | EC001282    |
| ECLASS 9.0  | 21-04-90-90 | ECLASS 9.1  | 21-01-90-90 |
| ECLASS 10.0 | 21-04-90-90 | ECLASS 11.0 | 21-04-90-90 |
| ECLASS 12.0 | 21-04-90-90 | ECLASS 13.0 | 21-04-90-90 |

**Environmental Product Compliance**

|            |   |
|------------|---|
| REACH SVHC | / |
|------------|---|

**Downloads**

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

## ES APG 80 WM 16

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## Accessories

16 mm<sup>2</sup>

**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

|            |                            |  |
|------------|----------------------------|--|
| Type       | VSTN/16                    | Version  |
| Order No.  | <a href="#">1493040000</a> | cable lug, terminal end, 16 mm <sup>2</sup> , 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118302981              |  |
| Qty.       | 100 pc(s).                 |  |

16 mm<sup>2</sup>

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- 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

|            |                            |   |
|------------|----------------------------|---|
| Type       | KWN-M8/-16 90              | Version                                     |
| Order No.  | <a href="#">1497100000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306804              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KWN-M5/-16 90              | Version                                     |
| Order No.  | <a href="#">1497080000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306392              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KWN-M12/-16 90             | Version                                     |
| Order No.  | <a href="#">1497120000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306736              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KWN-M6/16 90               | Version                                     |
| Order No.  | <a href="#">1497090000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306743              |   |
| Qty.       | 100 pc(s).                 |   |

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## Accessories

|            |                            |   |
|------------|----------------------------|---|
| Type       | KWN-M10/-16 90             | Version                                     |
| Order No.  | <a href="#">1497110000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306705              |   |
| Qty.       | 100 pc(s).                 |   |

16 mm<sup>2</sup>

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- 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

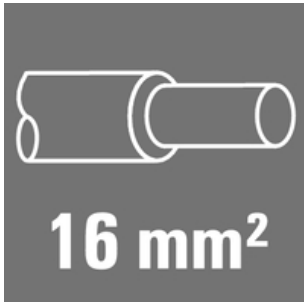
|            |                            |   |
|------------|----------------------------|---|
| Type       | KP-M10/-16                 | Version                                     |
| Order No.  | <a href="#">1497950000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118307450              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KP-M12/-16                 | Version                                     |
| Order No.  | <a href="#">1497960000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118307436              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KP-M6/-16                  | Version                                     |
| Order No.  | <a href="#">1497930000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118307290              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KP-M8/-16                  | Version                                     |
| Order No.  | <a href="#">1497940000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118307269              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KP-M5/-16                  | Version                                     |
| Order No.  | <a href="#">1497920000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118307542              |   |
| Qty.       | 100 pc(s).                 |   |

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[www.weidmueller.com](http://www.weidmueller.com)**Accessories****16 mm<sup>2</sup>**

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**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | VPN/-16                    | Version  |
| Order No.  | <a href="#">1498630000</a> | cable lug, terminal end, 16 mm <sup>2</sup> , 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118307856              |  |
| Qty.       | 100 pc(s).                 |  |

**16 mm<sup>2</sup>**

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- 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**

|            |                            |  |
|------------|----------------------------|--|
| Type       | KSN/-16                    | Version  |
| Order No.  | <a href="#">1492790000</a> | cable lug, terminal end, 16 mm <sup>2</sup> , 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118302745              |  |
| Qty.       | 100 pc(s).                 |  |

## ES APG 80 WM 16

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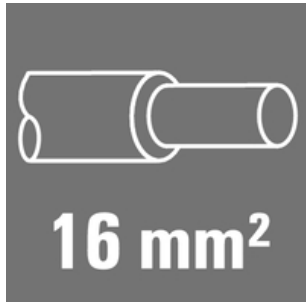
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www.weidmueller.com

## Accessories

16 mm<sup>2</sup>

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- Insulated pin cable lugs to DIN 46231

## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | VPLN/-16                   | Version  |
| Order No.  | <a href="#">1492900000</a> | cable lug, terminal end, 16 mm <sup>2</sup> , 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118302714              |  |
| Qty.       | 100 pc(s).                 |  |

16 mm<sup>2</sup>

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- Insulated pin cable lugs to DIN 46231

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | KQN-M6/-16                 | Version                                     |
| Order No.  | <a href="#">1494080000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118303636              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KQN-M8/-16                 | Version                                     |
| Order No.  | <a href="#">1494090000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118303742              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KQN-M12/-16                | Version                                     |
| Order No.  | <a href="#">1494110000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118303773              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KQN-M10/-16                | Version                                     |
| Order No.  | <a href="#">1494100000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118303728              |   |
| Qty.       | 100 pc(s).                 |   |

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## Accessories

|            |                            |   |
|------------|----------------------------|---|
| Type       | KQN-M5/-16                 | Version                                     |
| Order No.  | <a href="#">1494070000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118303650              |   |
| Qty.       | 100 pc(s).                 |   |

16 mm<sup>2</sup>

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## General ordering data

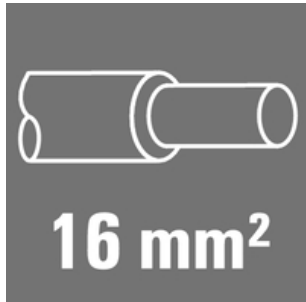
|            |                            |   |
|------------|----------------------------|---|
| Type       | KRN-M8/-16                 | Version                                     |
| Order No.  | <a href="#">1496990000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306514              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KRN-M5/-16                 | Version                                     |
| Order No.  | <a href="#">1496970000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306569              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KRN-M6/-16                 | Version                                     |
| Order No.  | <a href="#">1496980000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306583              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KRN-M10/-16                | Version                                     |
| Order No.  | <a href="#">1497000000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306460              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KRN-M12/-16                | Version                                     |
| Order No.  | <a href="#">1497010000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306538              |   |
| Qty.       | 100 pc(s).                 |   |

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## Accessories

16 mm<sup>2</sup>

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- Insulated pin cable lugs to DIN 46231

## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | KWPN-M12/-16 90            | Version                                     |
| Order No.  | <a href="#">1497480000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306866              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KWPN-M10/-16 90            | Version                                     |
| Order No.  | <a href="#">1497470000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118307016              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KWPN-M8/-16 90             | Version                                     |
| Order No.  | <a href="#">1497450000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306873              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KWPN-M6/-16 90             | Version                                     |
| Order No.  | <a href="#">1497440000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306644              |   |
| Qty.       | 100 pc(s).                 |   |

16 mm<sup>2</sup>

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## General ordering data

|            |                            |   |
|------------|----------------------------|---|
| Type       | KWN-M5/-16 45              | Version                                     |
| Order No.  | <a href="#">1496850000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306408              |   |
| Qty.       | 100 pc(s).                 |   |



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## Accessories

|            |                            |   |
|------------|----------------------------|---|
| Type       | KWN-M6/-16 45              | Version                                     |
| Order No.  | <a href="#">1496870000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306446              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KWN-M10/-16 45             | Version                                     |
| Order No.  | <a href="#">1496890000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306194              |   |
| Qty.       | 100 pc(s).                 |   |
| Type       | KWN-M8/-16 45              | Version                                     |
| Order No.  | <a href="#">1496880000</a> | cable lug, terminal end, 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306422              |   |
| Qty.       | 100 pc(s).                 |   |

16 mm<sup>2</sup>

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## General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | VSTN/-16                   | Version  |
| Order No.  | <a href="#">1497140000</a> | cable lug, terminal end, 16 mm <sup>2</sup> , 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118306620              |  |
| Qty.       | 50 pc(s).                  |  |

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

### 16 mm<sup>2</sup>



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- Insulated pin cable lugs to DIN 46231

#### General ordering data

|            |                            |  |
|------------|----------------------------|--|
| Type       | KQNG-M6/-16                | Version  |
| Order No.  | <a href="#">1492700000</a> | cable lug, terminal end, 16 mm <sup>2</sup> , 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118302493              |  |
| Qty.       | 50 pc(s).                  |  |

|            |                            |  |
|------------|----------------------------|--|
| Type       | KQNG-M8/-16                | Version  |
| Order No.  | <a href="#">1492710000</a> | cable lug, terminal end, 16 mm <sup>2</sup> , 16 mm <sup>2</sup> |
| GTIN (EAN) | 4050118302677              |  |
| Qty.       | 50 pc(s).                  |  |