

**APG 80****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    | 6mm <sup>2</sup> , 400mm <sup>2</sup> |
| Order No.  | <a href="#">2853270000</a>            |
| Type       | APG 80                                |
| GTIN (EAN) | 4064675477020                         |
| Qty.       | 1 pc(s).                              |

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

|            |         |                 |             |
|------------|---------|-----------------|-------------|
| Depth      | 75 mm   | Depth (inches)  | 2.953 inch  |
| Height     | 330 mm  | Height (inches) | 12.992 inch |
| Width      | 390 mm  | Width (inches)  | 15.354 inch |
| Net weight | 8,360 g |                 |             |

**Technical data**

|                   |               |
|-------------------|---------------|
| Operating voltage | 18 V          |
| Pressing force    | nominal 80 kN |

**Description of contact**

|                      |                     |                      |                   |
|----------------------|---------------------|----------------------|-------------------|
| Crimping range, max. | 400 mm <sup>2</sup> | Crimping range, min. | 6 mm <sup>2</sup> |
|----------------------|---------------------|----------------------|-------------------|

**tool data crimping**

|       |                                  |
|-------|----------------------------------|
| Drive | Battery-operated hydraulic sytem |
|-------|----------------------------------|

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC000168    | ETIM 7.0    | EC000168    |
| ETIM 8.0    | EC000168    | ETIM 9.0    | EC000168    |
| ECLASS 9.0  | 21-04-38-11 | ECLASS 9.1  | 36-63-06-90 |
| ECLASS 10.0 | 21-04-38-11 | ECLASS 11.0 | 21-04-38-11 |
| ECLASS 12.0 | 21-04-38-11 | ECLASS 13.0 | 21-04-38-11 |

**Approvals**

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

**Downloads**

|                    |   |
|--------------------|---|
| User Documentation | <a href="#">Manual APG 80 multiple language</a> |
| Catalogues         | <a href="#">Catalogues in PDF-format</a>        |

## APG 80

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## Accessories

## ... for wire-end ferrules

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- Reading of all cycles and error messages via USB

**General ordering data**

|            |                            |  |
|------------|----------------------------|--|
| Type       | ES APG 80 AEH 70           | Version                                |
| Order No.  | <a href="#">1502070000</a> | 70mm <sup>2</sup> , Trapezoidal crimp  |
| GTIN (EAN) | 4050118310306              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | ES APG 80 AEH 150          | Version                                |
| Order No.  | <a href="#">1502100000</a> | 150mm <sup>2</sup> , Trapezoidal crimp |
| GTIN (EAN) | 4050118310085              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | ES APG 80 AEH 50           | Version                                |
| Order No.  | <a href="#">1502050000</a> | 50mm <sup>2</sup> , Trapezoidal crimp  |
| GTIN (EAN) | 4050118310252              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | ES APG 80 AEH 95           | Version                                |
| Order No.  | <a href="#">1502080000</a> | 95mm <sup>2</sup> , Trapezoidal crimp  |
| GTIN (EAN) | 4050118310214              |  |
| Qty.       | 1 pc(s).                   |  |
| Type       | ES APG 80 AEH 120          | Version                                |
| Order No.  | <a href="#">1502090000</a> | 120mm <sup>2</sup> , Trapezoidal crimp |
| GTIN (EAN) | 4050118310146              |  |
| Qty.       | 1 pc(s).                   |  |

## APG 80

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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
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- 360° revolving quick action crimping head
- automatic pressure limitation and monitoring via pressure sensor
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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

**General ordering data**

|            |                            |                               |
|------------|----------------------------|-------------------------------|
| Type       | ES APG 80 WM 120           | Version                       |
| Order No.  | <a href="#">1502540000</a> | 120mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118310429              |                               |
| Qty.       | 1 pc(s).                   |                               |
| Type       | ES APG 80 WM 25            | Version                       |
| Order No.  | <a href="#">1502480000</a> | 25mm <sup>2</sup> , WM crimp  |
| GTIN (EAN) | 4050118310634              |                               |
| Qty.       | 1 pc(s).                   |                               |
| Type       | ES APG 80 WM 16            | Version                       |
| Order No.  | <a href="#">1502470000</a> | 16mm <sup>2</sup> , WM crimp  |
| GTIN (EAN) | 4050118310498              |                               |
| Qty.       | 1 pc(s).                   |                               |
| Type       | ES APG 80 WM 50            | Version                       |
| Order No.  | <a href="#">1502500000</a> | 50mm <sup>2</sup> , WM crimp  |
| GTIN (EAN) | 4050118310658              |                               |
| Qty.       | 1 pc(s).                   |                               |
| Type       | ES APG80 WM 400            | Version                       |
| Order No.  | <a href="#">2578060000</a> | 400mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4064675018124              |                               |
| Qty.       | 1 pc(s).                   |                               |
| 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).                   |                               |
| Type       | ES APG 80 WM 35            | Version                       |
| Order No.  | <a href="#">1502490000</a> | 35mm <sup>2</sup> , WM crimp  |
| GTIN (EAN) | 4050118310597              |                               |
| Qty.       | 1 pc(s).                   |                               |
| Type       | ES APG 80 WM 95            | Version                       |
| Order No.  | <a href="#">1502530000</a> | 95mm <sup>2</sup> , WM crimp  |
| GTIN (EAN) | 4050118310566              |                               |
| Qty.       | 1 pc(s).                   |                               |
| Type       | ES APG 80 WM 300           | Version                       |
| Order No.  | <a href="#">1502590000</a> | 300mm <sup>2</sup> , WM crimp |
| GTIN (EAN) | 4050118310511              |                               |
| Qty.       | 1 pc(s).                   |                               |

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## Accessories

|            |                            |                  |
|------------|----------------------------|------------------|
| Type       | ES APG 80 WM 6             | Version          |
| Order No.  | <a href="#">1502430000</a> | 6mm², WM crimp   |
| GTIN (EAN) | 4050118310801              |                  |
| Qty.       | 1 pc(s).                   |                  |
| Type       | ES APG 80 WM 150           | Version          |
| Order No.  | <a href="#">1502550000</a> | 150mm², WM crimp |
| GTIN (EAN) | 4050118310825              |                  |
| Qty.       | 1 pc(s).                   |                  |
| Type       | ES APG 80 WM 185           | Version          |
| Order No.  | <a href="#">1502570000</a> | 185mm², WM crimp |
| GTIN (EAN) | 4050118310528              |                  |
| Qty.       | 1 pc(s).                   |                  |
| Type       | ES APG 80 WM 70            | Version          |
| Order No.  | <a href="#">1502520000</a> | 70mm², WM crimp  |
| GTIN (EAN) | 4050118310580              |                  |
| Qty.       | 1 pc(s).                   |                  |
| Type       | ES APG 80 WM 240           | Version          |
| Order No.  | <a href="#">1502580000</a> | 240mm², WM crimp |
| GTIN (EAN) | 4050118310689              |                  |
| Qty.       | 1 pc(s).                   |                  |

## Accessories



### 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 mm²
- 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       | AKKU APG/EPG 5AH           |
| Order No.  | <a href="#">2860070000</a> |
| GTIN (EAN) | 4064675574750              |
| Qty.       | 1 pc(s).                   |
| Type       | LADEGERAET EPG             |
| Order No.  | <a href="#">1509370000</a> |
| GTIN (EAN) | 4050118318630              |
| Qty.       | 1 pc(s).                   |
| Type       | AKKU APG/EPG 2AH           |
| Order No.  | <a href="#">2858730000</a> |
| GTIN (EAN) | 4064675566137              |
| 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**

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- 360° revolving quick action crimping head
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**General ordering data**

|            |                            |                 |
|------------|----------------------------|-----------------|
| Type       | ES APG 80 HEX 300AL        | Version         |
| Order No.  | <a href="#">1502780000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310955              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 150          | Version         |
| Order No.  | <a href="#">1502720000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310900              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 120          | Version         |
| Order No.  | <a href="#">1502700000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310931              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 6            | Version         |
| Order No.  | <a href="#">1502600000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310672              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 10           | Version         |
| Order No.  | <a href="#">1502620000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310818              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 95           | Version         |
| Order No.  | <a href="#">1502690000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310610              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 70           | Version         |
| Order No.  | <a href="#">1502680000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310641              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 240          | Version         |
| Order No.  | <a href="#">1502740000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310481              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 35           | Version         |
| Order No.  | <a href="#">1502650000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310696              |                 |
| Qty.       | 1 pc(s).                   |                 |

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|            |                            |                 |
|------------|----------------------------|-----------------|
| Type       | ES APG 80 HEX 25           | Version         |
| Order No.  | <a href="#">1502640000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310573              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 16           | Version         |
| Order No.  | <a href="#">1502630000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310436              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 50           | Version         |
| Order No.  | <a href="#">1502670000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310559              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 300          | Version         |
| Order No.  | <a href="#">1502750000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310962              |                 |
| Qty.       | 1 pc(s).                   |                 |
| Type       | ES APG 80 HEX 185          | Version         |
| Order No.  | <a href="#">1502730000</a> | Hexagonal crimp |
| GTIN (EAN) | 4050118310726              |                 |
| Qty.       | 1 pc(s).                   |                 |

### ... for crimp cable lugs (acc. to DIN 46234)



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#### General ordering data

|            |                            |                                   |
|------------|----------------------------|-----------------------------------|
| Type       | ES APG 80 DIN 25           | Version                           |
| Order No.  | <a href="#">1502850000</a> | 25mm <sup>2</sup> , Indent crimp  |
| GTIN (EAN) | 4050118310849              |                                   |
| Qty.       | 1 pc(s).                   |                                   |
| Type       | ES APG 80 DIN 50           | Version                           |
| Order No.  | <a href="#">1502880000</a> | 50mm <sup>2</sup> , Indent crimp  |
| GTIN (EAN) | 4050118310450              |                                   |
| Qty.       | 1 pc(s).                   |                                   |
| Type       | ES APG 80 DIN 150          | Version                           |
| Order No.  | <a href="#">1502800000</a> | 150mm <sup>2</sup> , Indent crimp |
| GTIN (EAN) | 4050118310924              |                                   |
| Qty.       | 1 pc(s).                   |                                   |
| Type       | ES APG 80 DIN 16           | Version                           |
| Order No.  | <a href="#">1502840000</a> | 16mm <sup>2</sup> , Indent crimp  |
| GTIN (EAN) | 4050118310979              |                                   |
| Qty.       | 1 pc(s).                   |                                   |

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## Accessories

|            |                            |                                   |
|------------|----------------------------|-----------------------------------|
| Type       | ES APG 80 DIN 240          | Version                           |
| Order No.  | <a href="#">1501820000</a> | 240mm <sup>2</sup> , Indent crimp |
| GTIN (EAN) | 4050118309874              |                                   |
| Qty.       | 1 pc(s).                   |                                   |
| Type       | ES APG 80 DIN 10           | Version                           |
| Order No.  | <a href="#">1502830000</a> | 10mm <sup>2</sup> , Indent crimp  |
| GTIN (EAN) | 4050118310948              |                                   |
| Qty.       | 1 pc(s).                   |                                   |
| Type       | ES APG 80 DIN 35           | Version                           |
| Order No.  | <a href="#">1502870000</a> | 35mm <sup>2</sup> , Indent crimp  |
| GTIN (EAN) | 4050118310474              |                                   |
| Qty.       | 1 pc(s).                   |                                   |
| Type       | ES APG 80 DIN 120          | Version                           |
| Order No.  | <a href="#">1502790000</a> | 120mm <sup>2</sup> , Indent crimp |
| GTIN (EAN) | 4050118310832              |                                   |
| Qty.       | 1 pc(s).                   |                                   |
| Type       | ES APG 80 DIN 70           | Version                           |
| Order No.  | <a href="#">1502890000</a> | 70mm <sup>2</sup> , Indent crimp  |
| GTIN (EAN) | 4050118310719              |                                   |
| Qty.       | 1 pc(s).                   |                                   |
| Type       | ES APG 80 DIN 95           | Version                           |
| Order No.  | <a href="#">1502900000</a> | 95mm <sup>2</sup> , Indent crimp  |
| GTIN (EAN) | 4050118310917              |                                   |
| Qty.       | 1 pc(s).                   |                                   |
| Type       | ES APG 80 DIN 185          | Version                           |
| Order No.  | <a href="#">1501800000</a> | 185mm <sup>2</sup> , Indent crimp |
| GTIN (EAN) | 4050118310061              |                                   |
| Qty.       | 1 pc(s).                   |                                   |
| Type       | ES APG 80 DIN 6            | Version                           |
| Order No.  | <a href="#">1502820000</a> | 6mm <sup>2</sup> , Indent crimp   |
| GTIN (EAN) | 4050118310665              |                                   |
| Qty.       | 1 pc(s).                   |                                   |