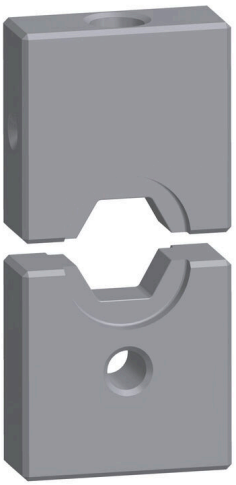
Data sheet

# ES APG 80 HEX 185

**Weidmüller Interface GmbH & Co. KG**
Klingenbergstraße 26
D-32758 Detmold
Germany

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 mm²
- 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 | 185mm², Hexagonal crimp |
| Order No. | 1502730000 |
| Type | ES APG 80 HEX 185 |
| GTIN (EAN) | 4050118310726 |
| Qty. | 1 items |

# Data sheet

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# Technical data

### Dimensions and weights

| | |
|---|---|
| Net weight | 298.2 g |

### Environmental Product Compliance

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

### Crimp inserts

| | | | |
|---|---|---|---|
| Identification number | 25 | Crimping width | 5 mm |
| Crimp cross-section aluminium | 150 | Crimp cross-section copper | 185 |
| Crimping width in mm | 5 | | |

### Description of contact

| | | | |
|---|---|---|---|
| Conductor cross-section, max. AWG | 6/0 | Conductor cross-section, min. AWG | 6/0 |
| Crimping range, max. | 185 mm² | | |

### tool data crimping

| | | |
|---|---|---|
| Crimping type/profile | Hexagonal crimp | |
| Cable lug cross section | nominal | 185 mm² |

### Classifications

| | | | |
|---|---|---|---|
| ETIM 8.0 | EC001282 | ETIM 9.0 | EC001282 |
| ETIM 10.0 | EC001282 | ECLASS 14.0 | 21-04-90-90 |
| ECLASS 15.0 | 21-04-90-90 | | |

# ES APG 80 HEX 185

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## Accessories

### 10 mm²

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 | KRN-M4/-10 | Version |
| Order No. | 1496900000 | cable lug, terminal end, 10 mm², 10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306293 | |
| Qty. | 100 ST | |
| Type | KRN-M5/-10 | Version |
| Order No. | 1496910000 | cable lug, terminal end, 10 mm², 10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306378 | |
| Qty. | 100 ST | |
| Type | KRN-M6/-10 | Version |
| Order No. | 1496920000 | cable lug, terminal end, 10 mm², 10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306439 | |
| Qty. | 100 ST | |
| Type | KRN-M8/-10 | Version |
| Order No. | 1496930000 | cable lug, terminal end, 10 mm², 10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306552 | |
| Qty. | 100 ST | |
| Type | KRN-M10/-10 | Version |
| Order No. | 1496940000 | cable lug, terminal end, 10 mm², 10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306521 | |
| Qty. | 100 ST | |
| Type | KRN-M12/-10 | Version |
| Order No. | 1496950000 | cable lug, terminal end, 10 mm², 10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306453 | |
| Qty. | 100 ST | |
| Type | KWN-M5/-10 90 | Version |
| Order No. | 1497020000 | cable lug, terminal end, 10 mm², 10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306712 | |
| Qty. | 100 ST | |
| Type | KWN-M6/-10 90 | Version |
| Order No. | 1497030000 | cable lug, terminal end, 10 mm², 10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306484 | |
| Qty. | 100 ST | |
| Type | KWN-M8/-10 90 | Version |
| Order No. | 1497040000 | cable lug, terminal end, 10 mm², 10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306576 | |
| Qty. | 100 ST | |
| Type | KWN-M10/-10 90 | Version |
| Order No. | 1497050000 | cable lug, terminal end, 10 mm², 10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306750 | |
| Qty. | 100 ST | |

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## Accessories

| | | |
|---|---|---|
| Type | KWN-M12/-10 90 | Version |
| Order No. | 1497070000 | cable lug, terminal end,10 mm²,10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306606 | |
| Qty. | 100 ST | |
| Type | KWN-M5/-10 45 | Version |
| Order No. | 1496810000 | cable lug, terminal end,10 mm²,10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306309 | |
| Qty. | 100 ST | |
| Type | KWN-M6/-10 45 | Version |
| Order No. | 1496820000 | cable lug, terminal end,10 mm²,10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306286 | |
| Qty. | 100 ST | |
| Type | KWN-M8/-10 45 | Version |
| Order No. | 1496830000 | cable lug, terminal end,10 mm²,10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306330 | |
| Qty. | 100 ST | |
| Type | KWN-M10/-10 45 | Version |
| Order No. | 1496840000 | cable lug, terminal end,10 mm²,10 mm² - 10 mm² |
| GTIN (EAN) | 4050118306361 | |
| Qty. | 100 ST | |
| Type | VSTN/-10 | Version |
| Order No. | 1497130000 | cable lug, terminal end,10 mm²,10 mm²,None |
| GTIN (EAN) | 4050118306491 | |
| Qty. | 50 ST | |
| Type | KP-M5/-10 | Version |
| Order No. | 1497870000 | cable lug, terminal end,10 mm² |
| GTIN (EAN) | 4050118307252 | |
| Qty. | 100 ST | |
| Type | KP-M6/-10 | Version |
| Order No. | 1497880000 | cable lug, terminal end,10 mm² |
| GTIN (EAN) | 4050118307283 | |
| Qty. | 100 ST | |
| Type | KP-M8/-10 | Version |
| Order No. | 1497890000 | cable lug, terminal end,10 mm² |
| GTIN (EAN) | 4050118307573 | |
| Qty. | 100 ST | |
| Type | KP-M10/-10 | Version |
| Order No. | 1497910000 | cable lug, terminal end,10 mm² |
| GTIN (EAN) | 4050118307276 | |
| Qty. | 100 ST | |
| Type | KWPN-M6/-10 90 | Version |
| Order No. | 1497420000 | cable lug, terminal end,10 mm² |
| GTIN (EAN) | 4050118307023 | |
| Qty. | 100 ST | |
| Type | KWPN-M8/-10 90 | Version |
| Order No. | 1497430000 | cable lug, terminal end,10 mm² |
| GTIN (EAN) | 4050118306927 | |
| Qty. | 100 ST | |
| Type | VPN/-10 | Version |
| Order No. | 1498620000 | cable lug, terminal end,10 mm²,10 mm²,None |
| GTIN (EAN) | 4050118308136 | |
| Qty. | 100 ST | |

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## Accessories

| | | |
|---|---|---|
| Type | KQN-M4/-10 | Version |
| Order No. | 1494010000 | cable lug, terminal end, 10 mm² |
| GTIN (EAN) | 4050118303810 | |
| Qty. | 100 ST | |
| Type | KQN-M5/-10 | Version |
| Order No. | 1494020000 | cable lug, terminal end, 10 mm² |
| GTIN (EAN) | 4050118303681 | |
| Qty. | 100 ST | |
| Type | KQN-M6/-10 | Version |
| Order No. | 1494030000 | cable lug, terminal end, 10 mm² |
| GTIN (EAN) | 4050118303483 | |
| Qty. | 100 ST | |
| Type | KQN-M8/-10 | Version |
| Order No. | 1494040000 | cable lug, terminal end, 10 mm² |
| GTIN (EAN) | 4050118303803 | |
| Qty. | 100 ST | |
| Type | KQN-M10/-10 | Version |
| Order No. | 1494050000 | cable lug, terminal end, 10 mm² |
| GTIN (EAN) | 4050118303711 | |
| Qty. | 100 ST | |
| Type | KQN-M12/-10 | Version |
| Order No. | 1494060000 | cable lug, terminal end, 10 mm² |
| GTIN (EAN) | 4050118304008 | |
| Qty. | 100 ST | |
| Type | KQNG-M5/-10 | Version |
| Order No. | 1492680000 | cable lug, terminal end, 10 mm², 10 mm² |
| GTIN (EAN) | 4050118302479 | |
| Qty. | 100 ST | |
| Type | KQNG-M6/-10 | Version |
| Order No. | 1492690000 | cable lug, terminal end, 10 mm², 10 mm² |
| GTIN (EAN) | 4050118302394 | |
| Qty. | 100 ST | |
| Type | KSN/-10 | Version |
| Order No. | 1492780000 | cable lug, terminal end, 10 mm², 10 mm² |
| GTIN (EAN) | 4050118302806 | |
| Qty. | 100 ST | |
| Type | VPLN/-10 | Version |
| Order No. | 1492890000 | cable lug, terminal end, 10 mm², 10 mm², None |
| GTIN (EAN) | 4050118302561 | |
| Qty. | 100 ST | |
| Type | VSTN/10 | Version |
| Order No. | 1493030000 | cable lug, terminal end, 10 mm², 10 mm², None |
| GTIN (EAN) | 4050118302776 | |
| Qty. | 100 ST | |

# ES APG 80 HEX 185

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## Accessories

### 120 mm²

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 | KRN-M8/-120 | Version |
| Order No. | 1495790000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118305401 | |
| Qty. | 25 ST | |
| Type | KRN-M10/-120 | Version |
| Order No. | 1495650000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118305289 | |
| Qty. | 25 ST | |
| Type | KRN-M12/-120 | Version |
| Order No. | 1495670000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118305258 | |
| Qty. | 25 ST | |
| Type | KRN-M14/-120 | Version |
| Order No. | 1495800000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118305616 | |
| Qty. | 25 ST | |
| Type | KRN-M16/-120 | Version |
| Order No. | 1495680000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118305272 | |
| Qty. | 25 ST | |
| Type | KRN-M20/-120 | Version |
| Order No. | 1495690000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118305524 | |
| Qty. | 25 ST | |
| Type | KRN-M6/-120 S | Version |
| Order No. | 1494410000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118304060 | |
| Qty. | 10 ST | |
| Type | KRN-M8/-120 S | Version |
| Order No. | 1494420000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118304077 | |
| Qty. | 10 ST | |
| Type | KRN-M10/-120 S | Version |
| Order No. | 1494920000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118304626 | |
| Qty. | 10 ST | |
| Type | KRN-M12/-120 S | Version |
| Order No. | 1494930000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118304602 | |
| Qty. | 10 ST | |

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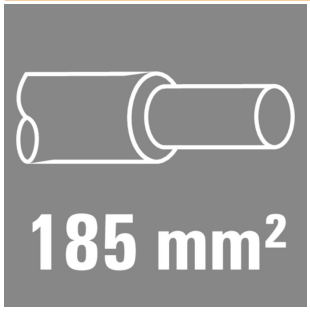
## Accessories

| | | |
|---|---|---|
| Type | KWN-M8/-120 90 | Version |
| Order No. | 1494680000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118304343 | |
| Qty. | 25 ST | |

| | | |
|---|---|---|
| Type | KWN-M10/-120 90 | Version |
| Order No. | 1494450000 | cable lug, terminal end, 120 mm², 120 mm² - 120 mm² |
| GTIN (EAN) | 4050118304084 | |
| Qty. | 25 ST | |

### 185 mm²

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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 | KRN-M8/-185 | Version |
| Order No. | 1497290000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118306897 | |
| Qty. | 25 ST | |

| | | |
|---|---|---|
| Type | KRN-M10/-185 | Version |
| Order No. | 1495430000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118304985 | |
| Qty. | 25 ST | |

| | | |
|---|---|---|
| Type | KRN-M12/-185 | Version |
| Order No. | 1495440000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118304947 | |
| Qty. | 25 ST | |

| | | |
|---|---|---|
| Type | KRN-M14/-185 | Version |
| Order No. | 1497250000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118306880 | |
| Qty. | 25 ST | |

| | | |
|---|---|---|
| Type | KRN-M16/-185 | Version |
| Order No. | 1495450000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118305036 | |
| Qty. | 25 ST | |

| | | |
|---|---|---|
| Type | KRN-M20/-185 | Version |
| Order No. | 1495470000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118305005 | |
| Qty. | 25 ST | |

| | | |
|---|---|---|
| Type | KRN-M10/-185 S | Version |
| Order No. | 1494980000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118304497 | |
| Qty. | 10 ST | |

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## Accessories

| | | |
|---|---|---|
| Type | KRN-M12/-185 S | Version |
| Order No. | 1494990000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118304169 | |
| Qty. | 10 ST | |
| Type | KRN-M16/-185 S | Version |
| Order No. | 1495000000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118304367 | |
| Qty. | 10 ST | |
| Type | KWN-M10/-185 90 | Version |
| Order No. | 1494540000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118304176 | |
| Qty. | 25 ST | |
| Type | KWN-M12/-185 90 | Version |
| Order No. | 1494550000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118304213 | |
| Qty. | 25 ST | |
| Type | KWN-M16/-185 90 | Version |
| Order No. | 1494570000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118304329 | |
| Qty. | 25 ST | |
| Type | KWN-M20/-185 90 | Version |
| Order No. | 1494580000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118304336 | |
| Qty. | 25 ST | |
| Type | KWN-M10/-185 45 | Version |
| Order No. | 1495340000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118304589 | |
| Qty. | 20 ST | |
| Type | KWN-M12/-185 45 | Version |
| Order No. | 1495350000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118305012 | |
| Qty. | 20 ST | |
| Type | KWN-M16/-185 45 | Version |
| Order No. | 1495370000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118305074 | |
| Qty. | 20 ST | |
| Type | KWN-M20/-185 45 | Version |
| Order No. | 1495380000 | cable lug, terminal end, 185 mm², 185 mm² - 185 mm² |
| GTIN (EAN) | 4050118305135 | |
| Qty. | 20 ST | |
| Type | VSTN/-185 | Version |
| Order No. | 1497390000 | cable lug, terminal end, 185 mm², 185 mm², None |
| GTIN (EAN) | 4050118306798 | |
| Qty. | 25 ST | |
| Type | KP-M8/-185 | Version |
| Order No. | 1498540000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118307894 | |
| Qty. | 25 ST | |
| Type | KP-M10/-185 | Version |
| Order No. | 1498350000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118307665 | |
| Qty. | 25 ST | |

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## Accessories

| | | |
|---|---|---|
| Type | KP-M12/-185 | Version |
| Order No. | 1498360000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118307726 | |
| Qty. | 25 ST | |
| Type | KP-M14/-185 | Version |
| Order No. | 1498590000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118307887 | |
| Qty. | 25 ST | |
| Type | KP-M16/-185 | Version |
| Order No. | 1498370000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118307733 | |
| Qty. | 25 ST | |
| Type | KP-M20/-185 | Version |
| Order No. | 1498380000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118307757 | |
| Qty. | 25 ST | |
| Type | KWPN-M8/-185 90 | Version |
| Order No. | 1496800000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118306316 | |
| Qty. | 25 ST | |
| Type | KWPN-M10/-185 90 | Version |
| Order No. | 1496690000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118306170 | |
| Qty. | 25 ST | |
| Type | KWPN-M12/-185 90 | Version |
| Order No. | 1496700000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118306323 | |
| Qty. | 25 ST | |
| Type | KWPN-M16/-185 90 | Version |
| Order No. | 1496710000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118306262 | |
| Qty. | 25 ST | |
| Type | KWPN-M20/-185 90 | Version |
| Order No. | 1496720000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118306187 | |
| Qty. | 25 ST | |
| Type | VPN/-185 | Version |
| Order No. | 1498720000 | cable lug, terminal end, 185 mm², 185 mm², None |
| GTIN (EAN) | 4050118308051 | |
| Qty. | 25 ST | |
| Type | KQN-M10/-185 | Version |
| Order No. | 1493420000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118303322 | |
| Qty. | 25 ST | |
| Type | KQN-M12/-185 | Version |
| Order No. | 1493430000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118303308 | |
| Qty. | 25 ST | |
| Type | KQN-M16/-185 | Version |
| Order No. | 1493440000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118303414 | |
| Qty. | 25 ST | |

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## Accessories

| Type | KQN-M20/-185 | Version |
|---|---|---|
| Order No. | 1493450000 | cable lug, terminal end, 185 mm² |
| GTIN (EAN) | 4050118303544 | |
| Qty. | 25 ST | |