

KQN-M8/-120**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, 120 mm ² |
| Order No. | 1493320000 |
| Type | KQN-M8/-120 |
| GTIN (EAN) | 4050118303186 |
| Qty. | 25 items |

Technical data

Approvals

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

Dimensions and weights

| | |
|------------|---------|
| Net weight | 57.48 g |
|------------|---------|

Environmental Product Compliance

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

Connectors

| | | | |
|--------------------------------|---------------------|--------------------------------|---------------|
| Conductor cross-section | 120 mm ² | Insulation | not available |
| Hole | M8 | Inside diameter of shaft (d1) | 16.5 mm |
| Outside diameter of shaft (d3) | 24 mm | Shaft length (a) | 22 mm |
| Connection length (l) | 44 mm | Inside diameter of flange (d2) | 8.4 mm |

Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 8.0 | EC001059 | ETIM 9.0 | EC001059 |
| ETIM 10.0 | EC001059 | ECLASS 14.0 | 27-40-02-12 |
| ECLASS 15.0 | 27-40-02-12 | | |

Drawings



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 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 | EPG 60 | Version |
| Order No. | 2453810000 | Pressing tools, Tools, Pressing tool, 6mm ² , 300mm ² , Hexagonal |
| GTIN (EAN) | 4050118468434 | crimp, WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping |
| Qty. | 1 ST | |

... for tubular cable lugs



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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 | ES EPG/HPG 60 WM 120 | Version |
| Order No. | 2469610000 | Crimping tool insert, 120mm ² , WM crimp |
| GTIN (EAN) | 4050118484007 | |
| Qty. | 1 ST | |

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Accessories

... for compression cable lugs



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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 | ES EPG/HPG 60 HEX 120 | Version | |
| Order No. | 2505230000 | | Crimping tool insert, 120mm ² , Hexagonal crimp |
| GTIN (EAN) | 4050118519624 | | |
| Qty. | 1 ST | | |

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 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

| | | | |
|------------|----------------------------|---------|--|
| Type | HPG 60 | Version | |
| Order No. | 2453820000 | | 6mm ² , 300mm ² , Hexagonal crimp, WM crimp, Indent crimp, |
| GTIN (EAN) | 4050118468427 | | Trapezoidal crimp, Oval crimping |
| Qty. | 1 ST | | |

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Accessories

... 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
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- Reading of all cycles and error messages via USB

General ordering data

| | | | |
|------------|----------------------------|---------|-------------------------------|
| Type | ES APG 80 WM 120 | Version | |
| Order No. | 1502540000 | Version | 120mm ² , WM crimp |
| GTIN (EAN) | 4050118310429 | | |
| Qty. | 1 ST | | |

... for compression cable lugs (acc. to DIN 46235)



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- Additional features for APG series:
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General ordering data

| | | | |
|------------|----------------------------|---------|--------------------------------------|
| Type | ES APG 80 HEX 120 | Version | |
| Order No. | 1502700000 | Version | 120mm ² , Hexagonal crimp |
| GTIN (EAN) | 4050118310931 | | |
| Qty. | 1 ST | | |