

KWN-M12/-16 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, 16 mm ² , 16 mm ² - 16 mm ²
Order No.	1497120000
Type	KWN-M12/-16 90
GTIN (EAN)	4050118306736
Qty.	100 items

KWN-M12/-16 90

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Technical data

Approvals

ROHS	Conform
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Dimensions and weights

Net weight	12.3 g
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Environmental Product Compliance

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

Technical data

Version	Euro series 90°
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Connectors

Conductor cross-section, max.	16 mm ²	Conductor cross-section, min.	16 mm ²
Conductor cross-section	16 mm ²	Insulation	not available
Hole	M 12	Identification colour	None
Inside diameter of shaft (d1)	5.5 mm	Outside diameter of shaft (d3)	8.5 mm
Shaft length (a)	12 mm	Connection length (l)	19.3 mm
Inside diameter of flange (d2)	13 mm	Flange width (b)	20 mm

Classifications

ETIM 8.0	EC001051	ETIM 9.0	EC001051
ETIM 10.0	EC001051	ECLASS 14.0	27-40-02-05
ECLASS 15.0	27-40-02-05		

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Drawings

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Accessories

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 mm²

General ordering data

Type	PZ RK 6/70	Version
Order No.	1500440000	6mm ² , 70mm ² , Hexagonal crimp, WM crimp
GTIN (EAN)	4050118309058	
Qty.	1 ST	
Type	PZ RK 10/120	Version
Order No.	1500450000	10mm ² , 120mm ² , Hexagonal crimp, WM crimp
GTIN (EAN)	4050118309065	
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 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 45	Version
Order No.	1500830000	Pressing tool, 6mm ² , 150mm ² , Hexagonal crimp, WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping
GTIN (EAN)	4050118309317	
Qty.	1 ST	

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Accessories

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



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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
- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

General ordering data

Type	ES EPG 45 WM 16/35	Version
Order No.	1500920000	35mm ² , WM crimp
GTIN (EAN)	4050118309478	
Qty.	1 ST	

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



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- 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	ES EPG 45 HEX 16/35	Version
Order No.	1500950000	35mm ² , Hexagonal crimp
GTIN (EAN)	4050118309492	
Qty.	1 ST	

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Accessories

Tools



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- 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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- 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/HPG 60 WM 16	Version
Order No.	2469550000	Crimping tool insert, 16mm ² , WM crimp
GTIN (EAN)	4050118483833	
Qty.	1 ST	

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Accessories

... for compression cable lugs



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- Li-ion rechargeable battery with charge status indicator: 18 V, 2 Ah

General ordering data

Type	ES EPG/HPG 60 HEX 16	Version	
Order No.	2505170000	Version	Crimping tool insert, 16mm ² , Hexagonal crimp
GTIN (EAN)	4050118519549		
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	Version	6mm ² , 300mm ² , Hexagonal crimp, WM crimp, Indent crimp,
GTIN (EAN)	4050118468427	Version	Trapezoidal crimp, Oval crimping
Qty.	1 ST		

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Accessories

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



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- 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	ES APG 80 WM 16	Version	
Order No.	1502470000	16mm ² , WM crimp	
GTIN (EAN)	4050118310498		
Qty.	1 ST		

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



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- 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	ES APG 80 HEX 16	Version	
Order No.	1502630000	16mm ² , Hexagonal crimp	
GTIN (EAN)	4050118310436		
Qty.	1 ST		