

**KWPN-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 <sup>2</sup>
Order No.	<a href="#">1497480000</a>
Type	KWPN-M12/-16 90
GTIN (EAN)	4050118306866
Qty.	100 items

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**Technical data**

**Approvals**

ROHS Conform

**Dimensions and weights**

Net weight 11.78 g

**Environmental Product Compliance**

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

**Technical data**

Version DIN series 46235, 90°

**Connectors**

Conductor cross-section	16 mm <sup>2</sup>	Insulation	not available
Hole	M 12	Inside diameter of shaft (d1)	5.5 mm
Outside diameter of shaft (d3)	8.5 mm	Shaft length (a)	20 mm
Connection length (l)	19.3 mm	Inside diameter of flange (d2)	13 mm
Flange width (b)	19 mm	Identification number Cu	8 K

**Classifications**

ETIM 8.0	EC001050	ETIM 9.0	EC001050
ETIM 10.0	EC001050	ECLASS 14.0	27-40-02-03
ECLASS 15.0	27-40-02-03		

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**Drawings**

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



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## Accessories

### Crimping tools



Crimping tools for non-insulated connectors  
 Rolled cable lugs, tubular cable lugs, terminal pins,  
 parallel and serial connectors

- Ratchet guarantees precise crimping
- Release option in the event of incorrect operation

### General ordering data

Type	CTN 25 D5	Version	
Order No.	<a href="#">9006230000</a>	Pressing tool, Crimping tool for contacts, 10mm <sup>2</sup> , 25mm <sup>2</sup> , Hexagonal	
GTIN (EAN)	4008190198459	crimp	
Qty.	1 ST		

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

### General ordering data

Type	PZ PK 6/70	Version	
Order No.	<a href="#">1500470000</a>	6mm <sup>2</sup> , 70mm <sup>2</sup> , Hexagonal crimp	
GTIN (EAN)	4050118309263		
Qty.	1 ST		
Type	PZ PK 10/120	Version	
Order No.	<a href="#">1500480000</a>	10mm <sup>2</sup> , 120mm <sup>2</sup> , Hexagonal crimp	
GTIN (EAN)	4050118309089		
Qty.	1 ST		

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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 300 mm<sup>2</sup>
- 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.	<a href="#">1500830000</a>	Pressing tool, 6mm <sup>2</sup> , 150mm <sup>2</sup> , Hexagonal crimp, WM crimp, Indent
GTIN (EAN)	4050118309317	crimp, Trapezoidal crimp, Oval crimping
Qty.	1 ST	

## ... 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
- large processing range up to 300 mm<sup>2</sup>
- 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 WM 16/35	Version
Order No.	<a href="#">1500920000</a>	35mm <sup>2</sup> , WM crimp
GTIN (EAN)	4050118309478	
Qty.	1 ST	

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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

- extremely fast processing thanks to hydraulic support
- large processing range up to 300 mm<sup>2</sup>
- 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.	<a href="#">1500950000</a>	Version	35mm <sup>2</sup> , Hexagonal crimp
GTIN (EAN)	4050118309492		
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 mm<sup>2</sup>
- 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.	<a href="#">2453810000</a>	Version	Pressing tools, Tools, Pressing tool, 6mm <sup>2</sup> , 300mm <sup>2</sup> , Hexagonal crimp, WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping
GTIN (EAN)	4050118468434		
Qty.	1 ST		

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## Accessories

## ... for tubular cable lugs



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 mm<sup>2</sup>
- 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/HPG 60 WM 16	Version	
Order No.	<a href="#">2469550000</a>		Crimping tool insert, 16mm <sup>2</sup> , WM crimp
GTIN (EAN)	4050118483833		
Qty.	1 ST		

## ... for compression cable lugs



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 mm<sup>2</sup>
- 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/HPG 60 HEX 16	Version	
Order No.	<a href="#">2505170000</a>		Crimping tool insert, 16mm <sup>2</sup> , Hexagonal crimp
GTIN (EAN)	4050118519549		
Qty.	1 ST		

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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	HPG 60	Version
Order No.	<a href="#">2453820000</a>	6mm <sup>2</sup> , 300mm <sup>2</sup> , Hexagonal crimp, WM crimp, Indent crimp,
GTIN (EAN)	4050118468427	Trapezoidal crimp, Oval crimping
Qty.	1 ST	

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

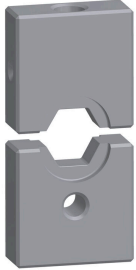
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## Accessories

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



Crimping tools for cable lugs, connectors and wire-end ferrules with interchangeable inserts

- 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	ES APG 80 HEX 16	Version	
Order No.	<a href="#">1502630000</a>		16mm <sup>2</sup> , Hexagonal crimp
GTIN (EAN)	4050118310436		
Qty.	1 ST		