

**KWPN-M6/-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="#">1497440000</a>
Type	KWPN-M6/-16 90
GTIN (EAN)	4050118306644
Qty.	100 pc(s).

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

Net weight	12.54 g
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**Technical data**

Version	DIN series 46235, 90°
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**Connectors**

Conductor cross-section	16 mm <sup>2</sup>	Connection length (l)	14.3 mm
Flange width (b)	13 mm	Hole	M 6
Identification number Cu	8 K	Inside diameter of flange (d2)	6.4 mm
Inside diameter of shaft (d1)	5.5 mm	Insulation	not available
Outside diameter of shaft (d3)	8.5 mm	Shaft length (a)	20 mm

**Classifications**

ETIM 6.0	EC001050	ETIM 7.0	EC001050
ETIM 8.0	EC001050	ETIM 9.0	EC001050
ECLASS 9.0	27-40-02-03	ECLASS 9.1	27-40-02-03
ECLASS 10.0	27-40-02-03	ECLASS 11.0	27-40-02-03
ECLASS 12.0	27-40-02-03	ECLASS 13.0	27-40-02-03
ECLASS 14.0	27-40-02-03		

**Environmental Product Compliance**

REACH SVHC	/
RoHS Compliance Status	Compliant without exemption

**Approvals**

ROHS	Conform
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**Downloads**

Catalogues	<a href="#">Catalogues in PDF-format</a>
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# Drawings



## KWPN-M6/-16 90

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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 pc(s).	
Type	APG 80	Version
Order No.	<a href="#">1502390000</a>	6mm <sup>2</sup> , 400mm <sup>2</sup>
GTIN (EAN)	4050118310627	
Qty.	1 pc(s).	

**... 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, WM crimp
GTIN (EAN)	4050118483833	
Qty.	1 pc(s).	

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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 16	Version
Order No.	<a href="#">2505170000</a>	Crimping tool insert, Hexagonal crimp
GTIN (EAN)	4050118519549	
Qty.	1 pc(s).	

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

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- 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>	Hexagonal crimp
GTIN (EAN)	4050118309492	
Qty.	1 pc(s).	

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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 pc(s).	

## Tools

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- automatic pressure limitation and monitoring via pressure sensor
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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	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 pc(s).	
Type	EPG 60	Version
Order No.	<a href="#">2453810000</a>	Pressing tools, Tools, Pressing tool, 6mm <sup>2</sup> , 300mm <sup>2</sup> , Hexagonal crimp,
GTIN (EAN)	4050118468434	WM crimp, Indent crimp, Trapezoidal crimp, Oval crimping
Qty.	1 pc(s).	

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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**

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- 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:
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**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 pc(s).	

**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>
GTIN (EAN)	4050118309263	
Qty.	1 pc(s).	

  

Type	PZ PK 10/120	Version
Order No.	<a href="#">1500480000</a>	10mm <sup>2</sup> , 120mm <sup>2</sup>
GTIN (EAN)	4050118309089	
Qty.	1 pc(s).	

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## Accessories

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

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**General ordering data**

Type	ES APG 80 HEX 16	Version
Order No.	<a href="#">1502630000</a>	Hexagonal crimp
GTIN (EAN)	4050118310436	
Qty.	1 pc(s).	

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

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- 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>	WM crimp
GTIN (EAN)	4050118309478	
Qty.	1 pc(s).	