

**WM4 C UL SET****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Workshops and factories prefer well-organised sets of tools. That results in minimal searching and preparation, and that saves money. Weidmüller implements such knowledge when combining products, characterised by good benefits for users and good functionality. Weidmüller Crimp Sets for cutting, stripping and crimping wire end ferrules provide users with practical toolkits.

**General ordering data**

|            |                                  |
|------------|----------------------------------|
| Version    | Photovoltaics, Plug-in connector |
| Order No.  | <a href="#">8000156419</a>       |
| Type       | WM4 C UL SET                     |
| GTIN (EAN) | 4099987331807                    |
| Qty.       | 1 items                          |

**Technical data**

**Approvals**

Approvals



**Dimensions and weights**

Net weight 33.39 g

**Temperatures**

Continuous operating temp., min. -40 °C      Continuous operating temp., max. 85 °C

**Technical data**

|                               |                   |                               |                       |
|-------------------------------|-------------------|-------------------------------|-----------------------|
| Outer cable diameter, max.    | 7 mm              | Outer cable diameter, min.    | 5.5 mm                |
| Approvals                     | cULus             | Conductor cross-section, max. | 6 mm <sup>2</sup>     |
| Conductor cross-section, min. | 4 mm <sup>2</sup> | Protection degree             | IP65, IP67, IP2x open |
| Pollution severity            | 2                 | Rated voltage                 | 1500 V DC             |
| External thread               | M 12              | Rated current                 | 35 A                  |

**Classifications**

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 8.0    | EC002928    | ETIM 9.0    | EC002928    |
| ETIM 10.0   | EC002928    | ECLASS 14.0 | 22-57-02-92 |
| ECLASS 15.0 | 22-57-02-92 |             |             |

Drawings



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## Accessories

## Multi-Tool PV Set



With the multi-tool, Weidmüller is offering a multifunctional tool for processing PV solar connectors.

## General ordering data

|            |                            |   |  |
|------------|----------------------------|---|--|
| Type       | PV-WM4C-T-TOOL             | Version                                     |  |
| Order No.  | <a href="#">3035720000</a> | Photovoltaics, Operating tool, Release tool |  |
| GTIN (EAN) | 4099986994591              |   |  |
| Qty.       | 1 ST                       |   |  |

## ... for photovoltaic plug-in connectors



After stripping the insulation, a suitable contact or wire end ferrule can be crimped onto the end of the cable. Crimping forms a secure connection between conductor and contact and has largely replaced soldering. Crimping denotes the creation of a homogeneous, permanent connection between conductor and connecting element. The connection can be made only with high-quality precision tools. The result is a secure and reliable connection both in mechanical and electrical terms. Weidmüller offers a wide range of mechanical crimping tools. Integral ratchets with release mechanisms guarantee optimum crimping. Crimped connections made with Weidmüller tools comply with international standards and regulations.

## General ordering data

|            |                            |   |  |
|------------|----------------------------|---|--|
| Type       | CTF PV WM4                 | Version   |  |
| Order No.  | <a href="#">1222870000</a> | Photovoltaics, Crimping tool for photovoltaic contacts, Mechanical, |  |
| GTIN (EAN) | 4050118006254              | without interchangeable inserts                                     |  |
| Qty.       | 1 ST                       |   |  |

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## Tools



- For flexible and solid conductors with special insulating materials
- High-quality stripping for industrial applications (complies with aircraft industry requirements)
- Specially shaped blades enable stripping of special types of insulation and conductor configurations
- Stripping length adjustable via end stop
- Very versatile thanks to interchangeable stripping units
- Stripping results reproduced accurately over and over again
- No damage to the conductor
- A long-lasting, reliable tool thanks to its sturdy design
- Integrated cutting function

## General ordering data

|            |                            |         |                                  |
|------------|----------------------------|---------|----------------------------------|
| Type       | MULTI-STRIPAX PV           | Version |                                  |
| Order No.  | <a href="#">1190490000</a> |         | Photovoltaics, Plug-in connector |
| GTIN (EAN) | 4032248973262              |         |                                  |
| Qty.       | 1 ST                       |         |                                  |

## Torque screwdriver



If you demand effective and exact work, it is essential to use the precise torque. This also guarantees high repetition accuracy.

This is the perfect job for the new Weidmüller torque screwdriver with the ergonomic grip and the unique interchangeable bit system.

- Compact and especially light design
- Torque set with special tool (supplied); an unintended, incorrect setting is ruled out.
- Ergonomic handle sizes matched to the torque range.
- Tools subjected to routine testing and provided with an ID number; 100% quality control with verification and product reference.
- Clicking sound upon reaching the set torque, clearly audible and noticeable, no unnecessary tightening.
- Interchangeable blades made from high-quality wear-resistant tool steel.
- All tools fulfil the accuracy requirements of: EN ISO 6798, BS EN 26789, ASME B107.14M
- Trigger accuracy +/- 6% of the set scale value.

## General ordering data

|            |                            |         |                    |
|------------|----------------------------|---------|--------------------|
| Type       | DMS MANUELL 0,5-1,7        | Version |                    |
| Order No.  | <a href="#">9918370000</a> |         | Torque screwdriver |
| GTIN (EAN) | 4032248388332              |         |                    |
| Qty.       | 1 ST                       |         |                    |

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## Screwty® cable gland tool with torque function



The ideal tool for any application  
 Screwty® is the ideal, all-purpose tool for tightening all common sensor and actuator cables. Even difficult-to-reach round plugs are accessible using the Screwty®. A simple turning movement tightens and loosens the connectors without the need for excessive force. The Screwty® is a unique and global solution since it fits with most cables and plugs from other vendors (over 90 %). The Screwty® consists of a handle with a conventional 1/4" adapter. Thus it can be used for all sizes: for M12 and M8 round plug-in connectors, and for M12F and M8F customisable plugs and sockets, as well as for all M23 plugs and sockets.

## General ordering data

|            |                            |  |  |
|------------|----------------------------|--|--|
| Type       | SCREWTY SW15               | Version                                    |  |
| Order No.  | <a href="#">1290830000</a> | Interchangeable blade for cable gland tool |  |
| GTIN (EAN) | 4050118084320              |  |  |
| Qty.       | 1 ST                       |  |  |

## Accessories



The dust protection cap "Dustcap VSSO" protects the Weidmüller and type 4 solar connectors against dust and dirt.  
 The "SafetyClip" protects the Weidmüller solar connectors against unintentional opening and can only be released using the special multi-tool.

## General ordering data

|            |                            |                            |  |
|------------|----------------------------|----------------------------|--|
| Type       | VSSO WM4 C                 | Version                    |  |
| Order No.  | <a href="#">1254870000</a> | Photovoltaics, Flat design |  |
| GTIN (EAN) | 4050118047479              |                            |  |
| Qty.       | 100 ST                     |                            |  |