

**PV PS VAPM 5P F****Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

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

Field-wirable AC connectors for PV inverters with Plug & Play

- Due to the robust design and the choice of UV-resistant materials, the AC connector can also be used under adverse environmental conditions such as vibrations and strong sunlight
- The three-phase connector solution has been optimized for cable cross-sections of up to 16 mm<sup>2</sup>, which significantly reduces energy losses
- The compact design gives you high performance with a small footprint
- Installation is fast and efficient and enables convenient handling in the field

**General ordering data**

|            |                            |
|------------|----------------------------|
|            |                            |
| Order No.  | <a href="#">2920110000</a> |
| Type       | PV PS VAPM 5P F            |
| GTIN (EAN) | 4099986583009              |
| Qty.       | 1 pc(s).                   |

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## Technical data

## Dimensions and weights

|            |         |
|------------|---------|
| Net weight | 149.5 g |
|------------|---------|

## Temperatures

|                                  |        |                                  |        |
|----------------------------------|--------|----------------------------------|--------|
| Continuous operating temp., min. | -40 °C | Continuous operating temp., max. | 105 °C |
|----------------------------------|--------|----------------------------------|--------|

## General Data

|                               |                     |                                      |                    |
|-------------------------------|---------------------|--------------------------------------|--------------------|
| Colour                        | black               | Conductor cross-section, max.        | 16 mm <sup>2</sup> |
| Conductor cross-section, min. | 0.2 mm <sup>2</sup> | Insulation strength                  | ≥ 1000 MΩ          |
| Material                      | Polycarbonate       | Number of poles                      | 5                  |
| Pollution severity            | 3                   | Rated impulse voltage (DIN EN 61984) | 6 kV               |
| Type of connection            | Screw connection    |                                      |                    |

## Technical data

|                               |                    |                               |                                  |
|-------------------------------|--------------------|-------------------------------|----------------------------------|
| Conductor cross-section, max. | 16 mm <sup>2</sup> | Conductor cross-section, min. | 0.2 mm <sup>2</sup>              |
| Pollution severity            | 3                  | Protection degree             | IP65, in closed state, IP2x open |
| Rated current                 | 60 A               | Rated voltage                 | 600 V                            |

## Guarantee

|               |         |
|---------------|---------|
| Time interval | 2 years |
|---------------|---------|

## Classifications

|             |             |             |             |
|-------------|-------------|-------------|-------------|
| ETIM 6.0    | EC002928    | ETIM 7.0    | EC002928    |
| ETIM 8.0    | EC002928    | ETIM 9.0    | EC002928    |
| ETIM 10.0   | EC002928    | ECLASS 9.0  | 22-57-92-03 |
| ECLASS 9.1  | 27-44-01-07 | ECLASS 10.0 | 27-44-01-07 |
| ECLASS 11.0 | 22-57-02-92 | ECLASS 12.0 | 22-57-02-92 |
| ECLASS 13.0 | 22-57-02-92 | ECLASS 14.0 | 22-57-02-92 |
| ECLASS 15.0 | 22-57-02-92 |             |             |

## Approvals

Approvals



|                 |                                                                                                                                                                             |
|-----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approvals MAMID | <a href="https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/">https://mdcop.weidmueller.com/mediadelivery/rendition/900_319222/-T1z1mm-S800/</a> |
| ROHS            | Conform                                                                                                                                                                     |

## Environmental Product Compliance

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

## Downloads

|                             |                                                                                                    |
|-----------------------------|----------------------------------------------------------------------------------------------------|
| Product Change Notification | <a href="#">Änderung für PV – AC Steckverbinder</a><br><a href="#">Change to PV – AC connector</a> |
| Catalogues                  | <a href="#">Catalogues in PDF-format</a>                                                           |

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Catalogue status 04.07.2025 / We reserve the right to make technical changes.

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## Drawings

