



SOLARLOK PV4-PM DC CRIMP CONNECTORS FOR 1000V PV INSTALLATIONS

KEY FEATURES

- Provide waterproof connections
- Rated IP68 (1 m / 24 hours)
- Compliant with NEC 2008/2011 (tool required for de-coupling)
- Low contact resistance ($\leq 0.3m\Omega$) for minimized power losses
- IEC 62852 and UL 6703 approved

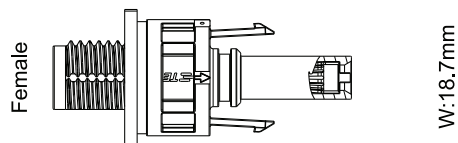
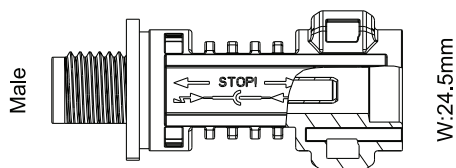
TE Connectivity's (TE) SOLARLOK PV4-PM DC connectors are designed for solar installations with extended voltage ratings of 1000 V DC IEC (TUV) and UL.

They are traditional connectors equipped with the "Standard Solar Interface". The SOLARLOK PV4-PM panel mount connectors are designed to connect PV cables to power equipment. These connectors can be installed directly on the enclosure of the equipment, such as standard inverters, microinverters, distribution boxes, combiner boxes, and more. They conduct the current from the string and distribute it inside the equipment enclosure. The PV4-PM connectors have a round design and the flat sealing ring pre-mounted at the main connector helps create a watertight connection. Manufactured in PPE plus PS, the PV4-PM can withstand high UV exposure and extreme climatic conditions. You need standard installation tools to complete the PV4-PM installation.

The SOLARLOK PV4-PM connectors are range-taking and can cover outer cable diameters from 5,0 (IEC) / 5,5 mm (UL) to 7,8 mm. They are sold in kits that include a female and a male connector.

Customers can count on consistent, high quality products, driven by TE's proven innovation and backed by our extraordinary customer support.

SOLARLOK PV4-PM DC Crimp Connectors



PV4-PM Kits for 4 mm² - 6 mm² Contacts (AWG 12-10)

Type	Part Number	Description	Package Quantity
Preferred Choice	1971919-1	PV4-PM connector kit pin-male (with pin-contact)	1,000 Pieces
Preferred Choice	1971920-1	PV4-PM connector kit socket-female (with socket-contact)	1,000 Pieces
Standard	1971919-2	PV4-PM connector kit pin-male (with pin-contact)	100 Pieces
Standard	1971920-2	PV4-PM connector kit socket-female (with socket-contact)	100 Pieces

PV4-PM Kits for 2.5 mm² Contacts (AWG 14)

Type	Part Number	Description	Package Quantity
Standard	1-1971919-1	PV4-PM connector kit pin-male (with pin-contact)	1,000 Pieces
Standard	1-1971920-1	PV4-PM connector kit socket-female (with socket-contact)	1,000 Pieces
Standard	1-1971919-2	PV4-PM connector kit pin-male (with pin-contact)	100 Pieces
Standard	1-1971920-2	PV4-PM connector kit socket-female (with socket-contact)	100 Pieces

PV4-PM - Housing Components

Preferred Choice	2270039-1	PV4-PM connector-housing pin-male (without pin-contact)	1,000 Pieces
Preferred Choice	2270040-1	PV4-PM connector-housing socket-female (without socket-contact)	1,000 Pieces
Standard	2270039-2	PV4-PM connector-housing pin-male (without pin-contact)	100 Pieces
Standard	2270040-2	PV4-PM connector-housing socket-female (without socket-contact)	100 Pieces

PV4-S - 4 mm² - 6 mm² Contacts (AWG 12-10)

Preferred Choice	2270251-2	Pin-male contact	Reel of 2,000 Pieces
Standard	2270251-3	Pin-male contact	1,000 Loose Pieces
Standard	2270251-4	Pin-male contact	100 Loose Pieces
Preferred Choice	2270226-2	Socket-female contact	Reel of 2,000 Pieces
Standard	2270226-3	Socket-female contact	1,000 Loose Pieces
STANDARD	2270226-4	Socket-female contact	100 Loose Pieces

PV4-S - 2.5 mm² Contacts (AWG 14)

Preferred Choice	2270253-2	Pin-male contact	Reel of 2,000 Pieces
Standard	2270253-3	Pin-male contact	1,000 Loose Pieces
Standard	2270253-4	Pin-male contact	100 Loose Pieces
Preferred Choice	2270252-2	Socket-female contact	Reel of 2,000 Pieces
Standard	2270252-3	Socket-female contact	1,000 Loose Pieces
Standard	2270252-4	Socket-female contact	100 Loose Pieces

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ACCESSORIES

PV4-S series are applicable for outer-cable diameters from 5.5 mm to 7.8 mm



PLASTIC TOOL FOR
DISCONNECT PV4
1971903-1



PLASTIC TOOL FOR DISCONNECT
PV4 & PM STYLE
2232232-1

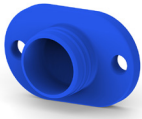


HAND CRIMPING TOOL
4.0 mm - 6.0 mm²
6-1579014-8

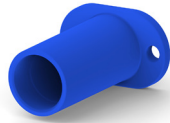
HAND CRIMPING TOOL
2.5 mm - 4.0 mm²
6-1579014-9



STRIPPING TOOL
SOLARLOK
4-1579002-2



DUST CAP FOR MALE HOUSING
2232228-1



DUST CAP FOR FEMALE HOUSING
2232227-1

Learn more: [TE.com/SOLARLOK](https://www.te.com/SOLARLOK)

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