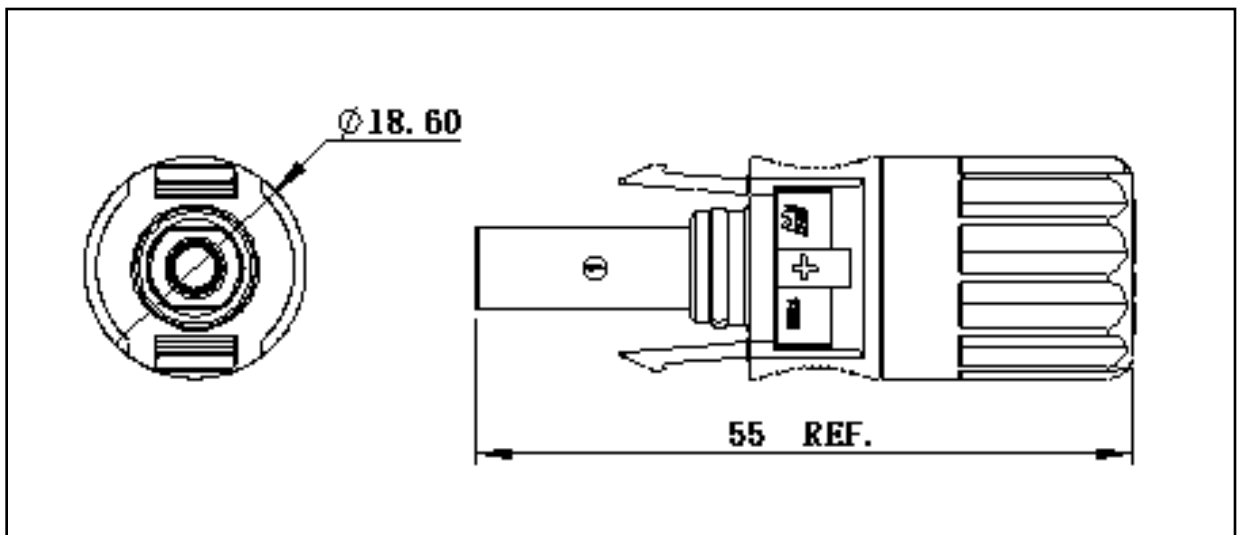
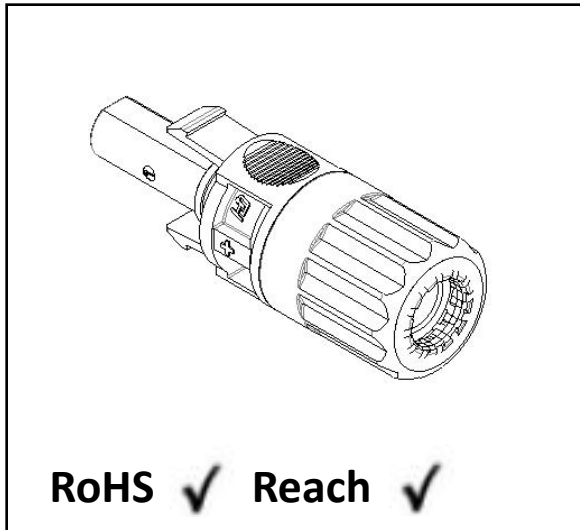


## Product Description



### Product Info.

Product No.	Wire Size
10355010002	PV (4~6mm <sup>2</sup> )
10355010003	PV-AL (4~6mm <sup>2</sup> )
10355010004	8AWG

## Technical Data

### Electrical Specification

Rated Voltage	1500V DC
Rated Impulse Voltage	16KV
Rated Current	41A for 4mm <sup>2</sup> 55A for 6mm <sup>2</sup> 70A for 8AWG
Wet Insulation Resistance	≥500MΩ
Contact Resistance	≤0.4mΩ

### Mechanical Specification

Mating Cycle	≥500
PIN Retention Force	≥80N
Cable Retention Force	≥180N
Wire Size	4mm <sup>2</sup> ~8AWG (5.5mm~7.25mm)
Unlock Mode	Non-tool unlock Tool unlock
Connector Retention Force	≥ 80N
Connector Pull-Out Force	≤20 N

### Environmental Specification


Waterproof Rate	IP65/IP68 (1m,1H)
Application Temperature	-40 °C~+85°C
Flamming Level	UL94-V0

### Material

Plastic Material	PA(f1)
Pin Material	Copper Alloy,Sn Plating
Sealing Material	Sillicone Rubber

## Certification/Certificate

### TUV Certification

Logo	Certification	Reference Standard	Certification No.
	TÜV Rheinland	IEC62852	R50506030

## Installation Tool



Rivet Plier



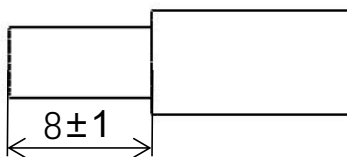
Wire Stripper



Wrench

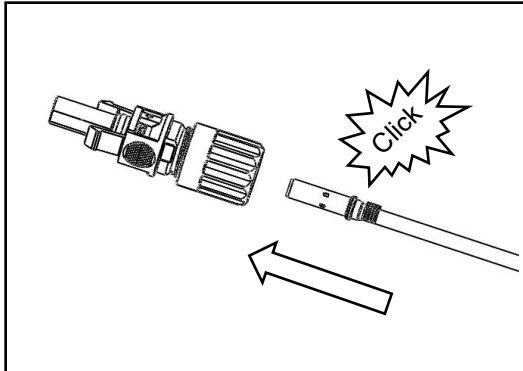
## Installation Instructions

Dimension of stripping wire

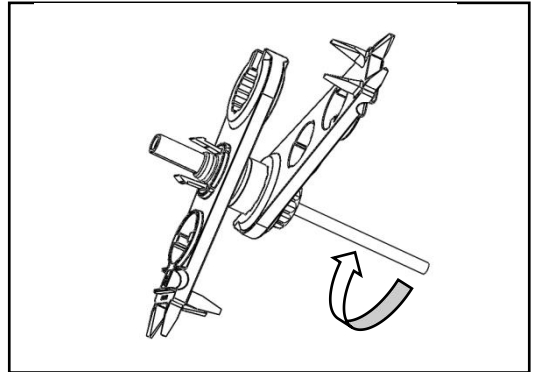


## Installation Instructions

### Installation Steps

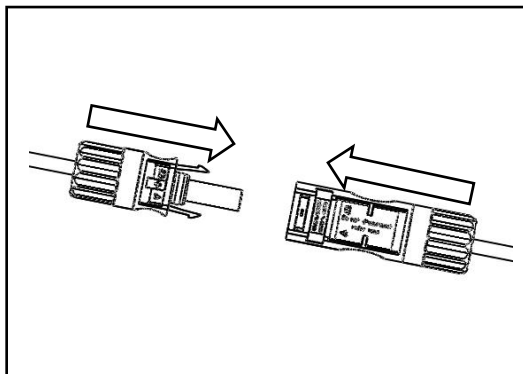


Crimping the stripped wire to the terminal, then insert it into the cable end positive connector while hearing the "Click" sound.

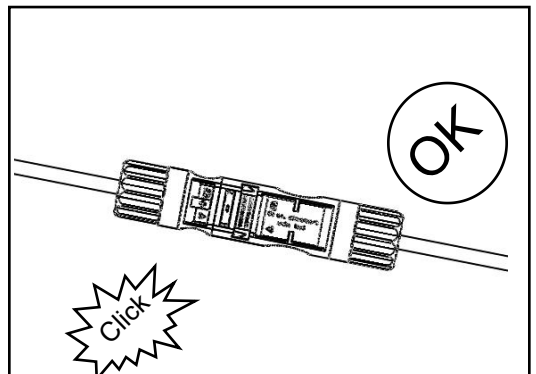


Clockwise tighten the nut through the wrench with torque  $2 \pm 0.1 \text{ N.m}$ .

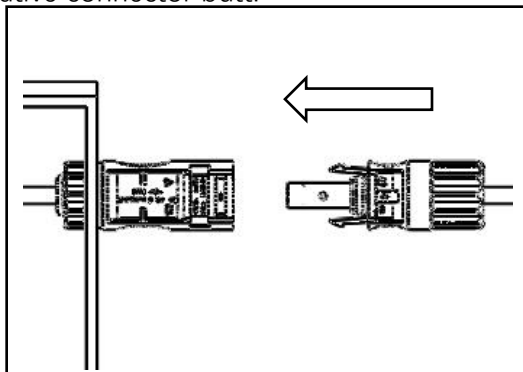
### Positive and Negative butt



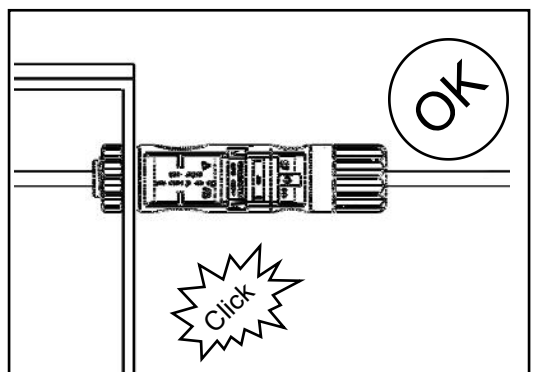
Cable end positive connector and cable end negative connector butt.



Complete the installation while hearing "Click" sound.



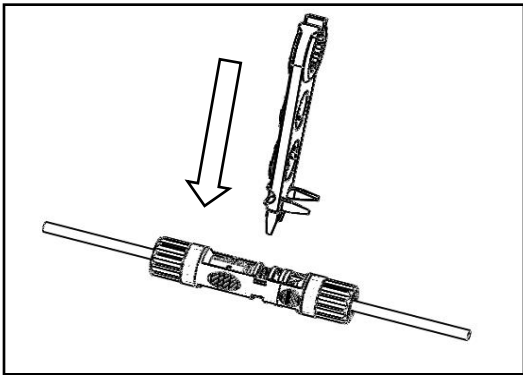
Insert cable end positive connector into panel mount positive connector.



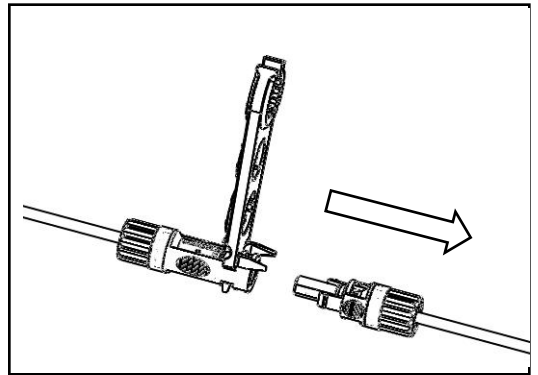
Complete the installation while hearing "Click" sound.

## Unlock Instruction

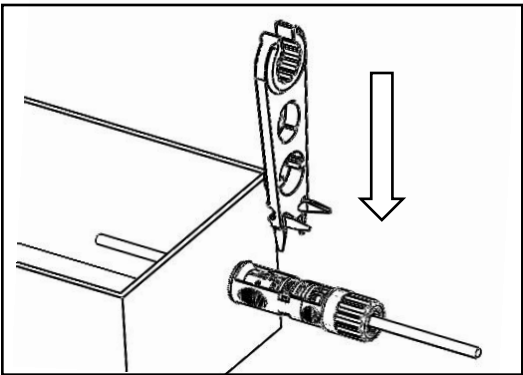
Please use the dedicated unlock wrench as shown



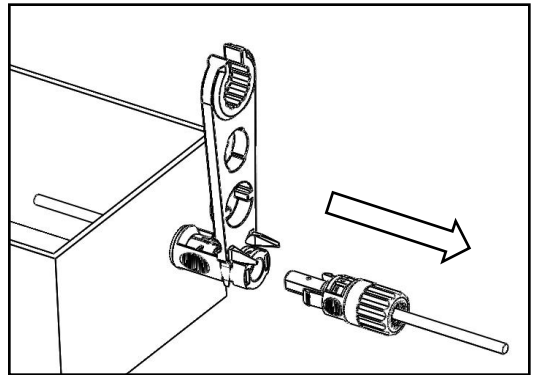
Insert the wrench pawl into the slot position of the connector rubber core.



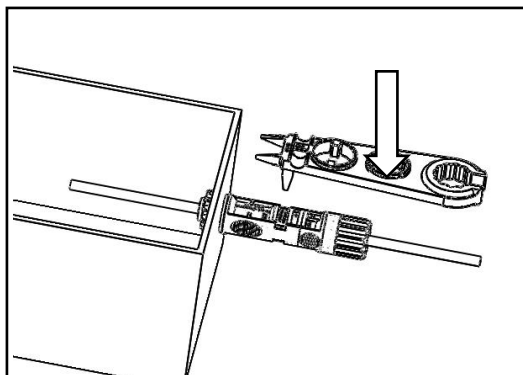
Push the slot part to separate it with the wrench, then pull out the connector.



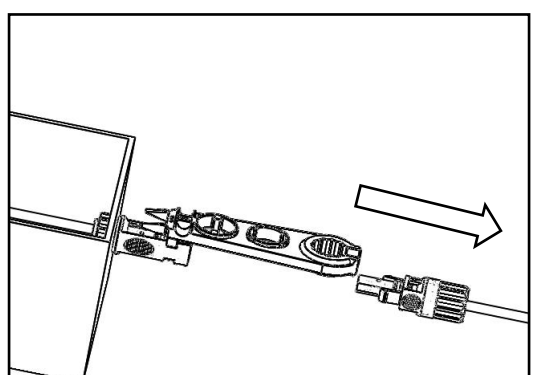
Insert the wrench pawl into the slot position of the connector rubber core.



Push the slot part to separate it with the wrench, then pull out the connector.



Insert the wrench pawl into the slot position of the connector rubber core.



Push the slot part to separate it with the wrench, then pull out the connector.