

# Connector System for Solar Power Installations

## gesis<sup>®</sup>

**gesis** DC SOLAR

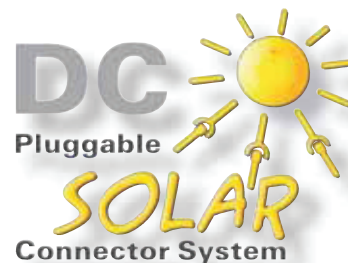
**PST 4011**

### Features

- Mates to industry standard connectors
- Robust contact minimizes DC arc fault failure
- ETL certificate conforms to UL STD 486A-486B and 486D



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contacts are green.

Photo	Description		Part No.	Remarks:
<b>Male &amp; Female Housings (Without Contacts)</b>				
	Female Housing	Cable Ø 4-5 mm	Y6.111.0153.1	
	Female Housing	Cable Ø 5-7 mm	Y6.111.0053.1	USE-2 Cable
	Female Housing	Cable Ø 7-8 mm	Y6.111.0253.1	
	Female Bulkhead Housing	-	Y6.111.1053.1	
	Male Housing	Cable Ø 4-5 mm	Y6.112.0153.1	
	Male Housing	Cable Ø 5-7 mm	Y6.112.0053.1	USE-2 Cable
	Male Housing	Cable Ø 7-8 mm	Y6.112.0253.1	
	Male Bulkhead Housing	-	Y6.112.1053.1	
<b>Male &amp; Female Crimp Contacts</b>				
	Female Contact	1.5 mm <sup>2</sup> (16 AWG)	02.125.8002.8	
	Female Contact	2.5 mm <sup>2</sup> (14 AWG)	02.125.8102.8	
	Female Contact	4 mm <sup>2</sup> (12 AWG)	02.125.8202.8	
	Female Contact	6 mm <sup>2</sup> (10 AWG)	02.125.8302.8	
	Female Contact	10 mm <sup>2</sup> (8 AWG)	02.125.8402.8	
	Male Contact	1.5 mm <sup>2</sup> (16 AWG)	05.545.2002.8	
	Male Contact	2.5 mm <sup>2</sup> (14 AWG)	05.545.2102.8	
	Male Contact	4 mm <sup>2</sup> (12 AWG)	05.545.2202.8	
	Male Contact	6 mm <sup>2</sup> (10 AWG)	05.545.2302.8	
	Male Contact	10 mm <sup>2</sup> (8 AWG)	05.545.2402.8	
<b>Accessories</b>				
	Crimp Tool with single Die Set for Wire Size 1.5, 2.5, 4 mm	1.5 / 2.5 / 4 mm <sup>2</sup>	99.629.0000.0	
	Crimp Tool with single Die Set for Wire Size 4, 6, 10 mm	4 / 6 / 10 mm <sup>2</sup>	99.630.0000.0	
	Locking Clip	-	05.568.2756.0	NEC Compliance



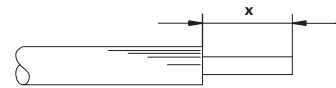
CUSTOMER INFORMATION



# wieland

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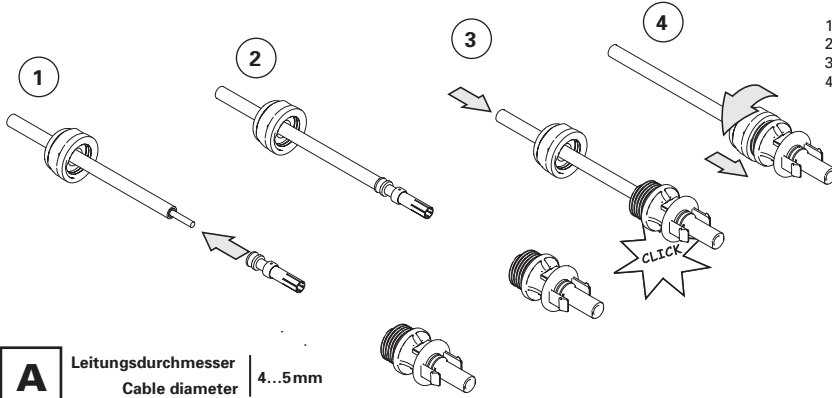
### Insulation strip lengths (mm)



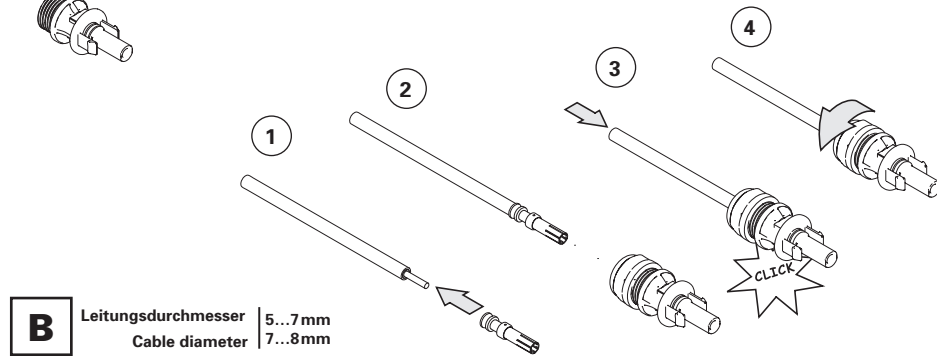
Wire size AWG	16	14	12	10
<b>Conductor cross section (mm<sup>2</sup>)</b>	<b>1.5</b>	<b>2.5</b>	<b>4</b>	<b>6</b>
field wired version	—	•	•	•
molded version	•	•	•	—
Insulation strip length x (mm)	17+1 (field wired only)			
<b>Crimping tool (for all cross-sections)</b>				
Crimping tool	Part no. 95.101.0800.0			
Crimp die „B“ (2.5 mm <sup>2</sup> )	Part no. 05.502.2100.0			
Crimp die „D“ (4, 6, 10 mm <sup>2</sup> )	Part no. 05.502.2300.0			

### Conductor assembly

1. Strip insulation
2. Crimp
3. Snap in
4. Tighten cable gland  
 Nominal torque: 2.22...2.58 lbf-ft (approx. 27...31 lbf-in)



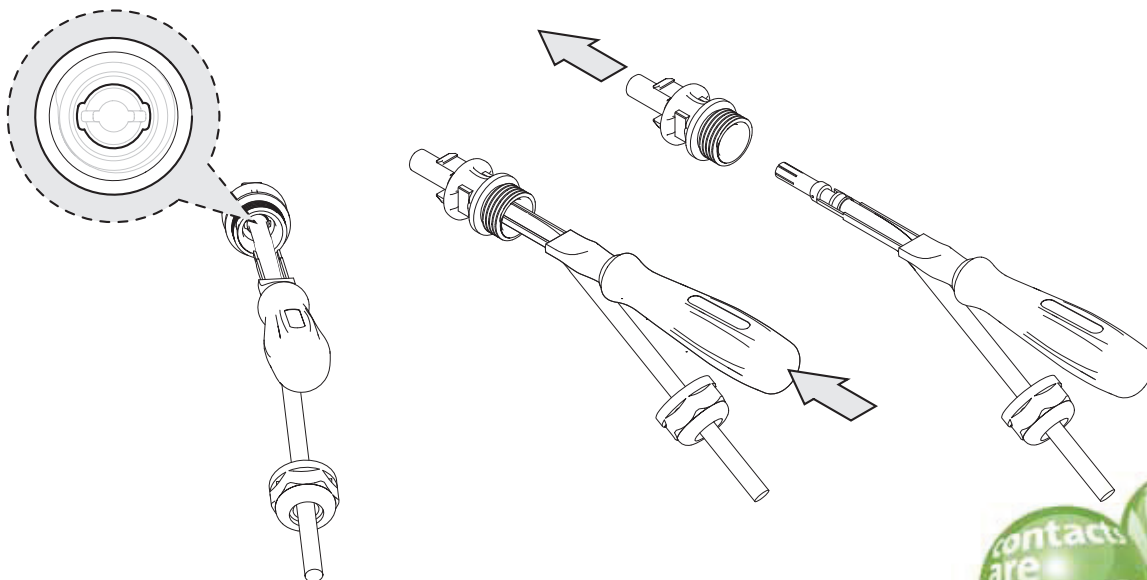
**A** Leitungsdurchmesser | 4...5mm  
 Cable diameter



**B** Leitungsdurchmesser | 5...7mm  
 Cable diameter | 7...8mm

### Releasing the cable

Use release tool 05.502.1400.0



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