DATASHEET

1500V DC PV Solar Straight
Connectors Male and Female

Product Ref: **F4PEMPV4N**

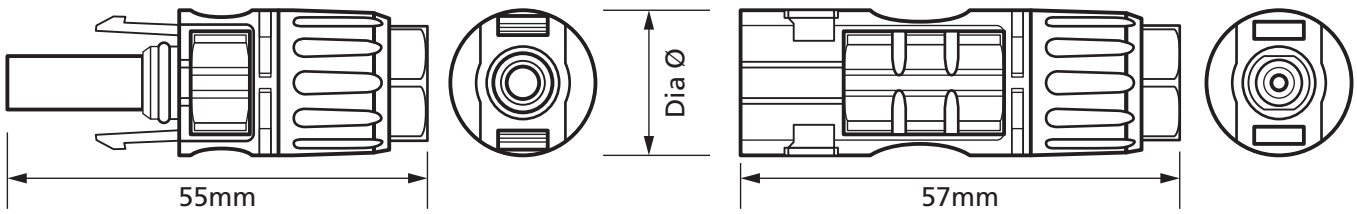
Technical Features:

- 1500V DC Rated Voltage
- IP68 (Mated Condition)
- Suitable for 2.5mm², 4mm², 6mm² cable
- Ambient temperature rated: -40 to 85°C
- NEC Interlock
- Part of a complete range of solar connectors and accessories
- Salt Mist Test: IEC 60068-2-52, Severity 6
- UV Protection: IEC 4892-2



Product Specification

Ambient Temperature Range	**-40 to 85°C**
Class	**Class 2**
Colour	**Black**
Compliance	**UKCA, CE**
Contact Resistance	**<0.25mΩ**
Flammability Class	**UL94-V0**
Guarantee	**1 Year**
IP Rating	**IP68 (Mated Condition)**
Insertion / Withdrawn Force	**≤50N / ≥50N**
Material	**NORYL 9406P PPE+PS**
Over voltage Category	**III**
Pollution Degree	**3**
Rated Current	**25A (2.5mm²), 45A (4mm²), 54A (6mm²)**
Rated Voltage	**1500V DC**
Rated Impulse Voltage	**16kV**
RMS withstand Voltage	**8kV**
Standards	**IEC 62852**
Stripping Length	**8mm-10mm**
Suitable DC PV Cable Size	**2.5mm², 4mm², 6mm²**
Weight	**0.022kg**
Diameter Ø	**19mm**
Length (L)	**91mm (Mated Condition) (55mm Female - 57mm Male)**



Errors and omissions excepted (E&OE). All information is subject to change without notice and is correct at the time of print. Refer to issue number and date below.