

EP030-1224-00 EP Series 3pin Male cable end

Ordering No.	Cable Seal Dia.(mm)
910001604	6.0
910001606	7.0
910001601	8.0
910001602	9.5
910001603	11.5
910001605	12.5



Mating to EP series 3pin Female cable end (EP030-2224-00) or 3pin Female panel mount back locking(EP030-2124-00)

Ordering Information

Ordering No.	Cable Seal Dia.(mm)
910001604	6.0mm
910001606	7.0mm
910001601	8.0mm
910001602	9.5mm
910001603	11.5mm
910001605	12.5mm
HS CODE	8536300000
Standard Packing Quantity / Carton	500PCS/Carton
Gross Weight / PCS	19.04g/PCS

Certifications

	UL2238
	EN61984
	CQC1101-2011

Environmental Statement

RoHS	Product conforms to EU RoHS directive 2011/65/EU appendix II revision directive(EU) 2015/863 limiting value's requirement
Reach	Product conforms to the EU regulations requirements of No. 1907/2006 REACH

Electrical Performance

Rated Voltage	450V AC (TUV/CQC) 300V AC (UL)
Rated Impulse Voltage	2500V
Rated Current	17.5A
Contact Resistance	≤10mΩ
Insulation Resistance	≥1000MΩ

Mechanical Capacity

Cable Retention	OD:5.5~9.0,F≥80N; OD:9~12,F≥100N; OD:12~12.5,F≥120N;
Connector insertion force / Pullout force	≤80N
Connector Insert and pullout frequency	500
Cable Cross Section	0.5~2.5mm ²

Operational Environment

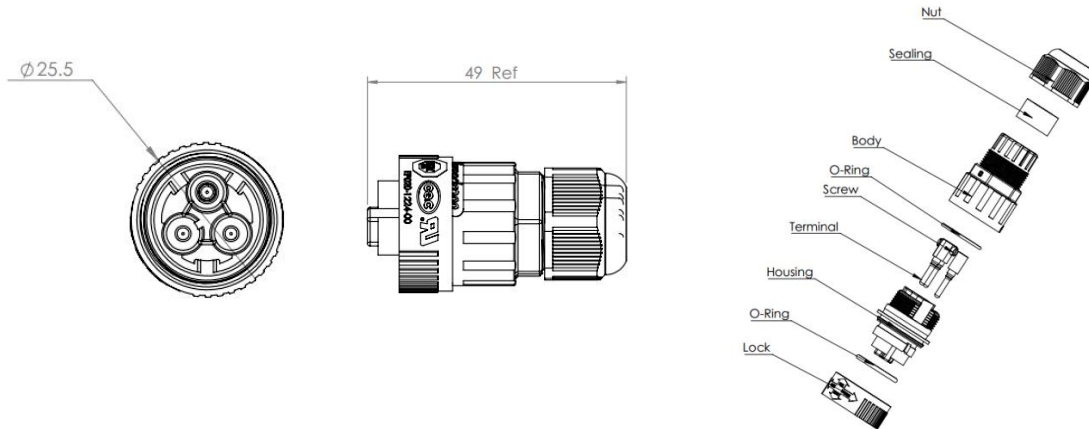
Protection Degree	IP68 1m-1H
Ambient Temperature	-40°C~+85°C
Glowing wire (insulator)	960°C
Flammability class (Insulator)	V-2

Material

Plastic	PA66 and PA66 30%GF
Conductor	Copper Alloy with Ni Plating
Sealing element	Silicone
Connecting Screw	Iron Alloy Ni Plating
Screw type	Straight Screw

More detailed info. Please refer to test report.

Dimension Drawing



Installation Tools

Torque Spanner	
Torque Screwdriver	
Straight Screwdriver	
Wire Stripper	
Special Spanner	

Exceedconn connector defined the recommended torque on the thread connecting parts. In order to get reliable screw-threaded installation effect, we recommend torque spanner and torque screwdriver.

Notes. Special Spanner's three basic functions: 1. Locking the body; 2. Tighten the nut; 3. Fixing the housing while unlock, to acquire more convenient and fast install and disassembly function.

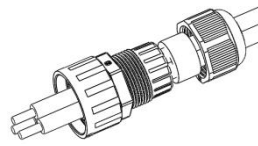
Installation Instructions

1. Wire Stripping

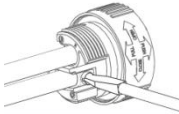


Wire stripping distance: 7~8mm

2.Pre-install body, seal, nut

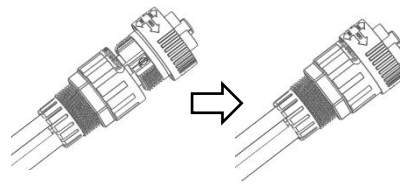


3.Locking wire

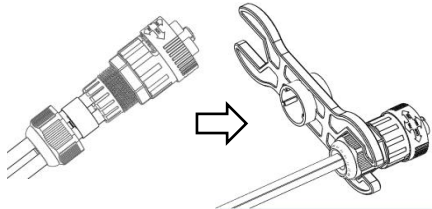


Screw install torque: 0.8+/-0.1N·m

4.Locking body



5. Tighten Nut



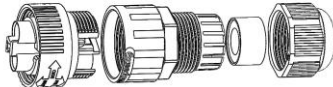
Screw install torque : 2.0+/-0.5N·m

6. Connecting into one pair



Match using, connecting visualization,
No gap means locking well

Package Specification

	Packing Material	Carton Size (mm)	Packing Contents	Quantity (PCS/Carton)
Standard Carton	Carton	460X340X250		500
MPQ	PE	120X80		----

Contacting info.



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