

EP020-0234-00 EP Series 2pin Waterproof Terminal




Ordering No.	Cable Seal Dia.(mm)
910000104	6.0
910000106	7.0
910000101	8.0
910000102	9.5
910000103	11.5
910000105	12.5



Ordering Information

Ordering No.	Cable Seal Dia.(mm)
910000104	6.0mm
910000106	7.0mm
910000101	8.0mm
910000102	9.5mm
910000103	11.5mm
910000105	12.5mm
HS CODE	8536300000
Standard Packing Quantity / Carton	400PCS / Carton
Gross Weight / PCS	25.98g/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

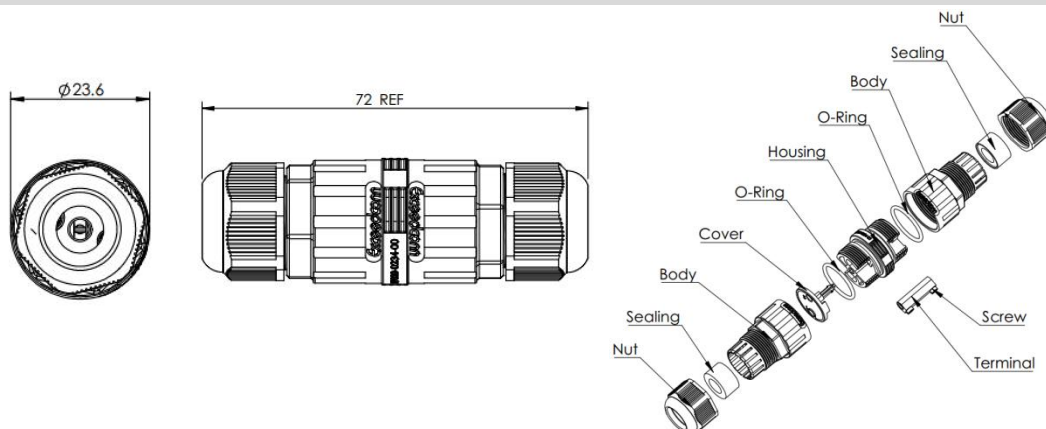
Protection Degree	IP68 1m-1H
Ambient Temperature	-40°C~+85°C
Glow Wire (Insulator)	960°C
Flammability class (Insulator)	V-2

Material

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

More detailed info. Please refer to test report

Dimension Drawing



Installation Tools

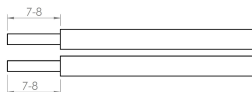
Torque Spanner	
Torque Screwdriver	
Straight Screwdriver	
Wire Stripper	
Special Spanner	

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.

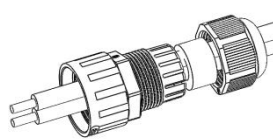
Installation Instructions

1. Wire Stripping

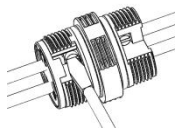


Wire stripping length: 7~8mm

2.Pre-install body, seal, nut

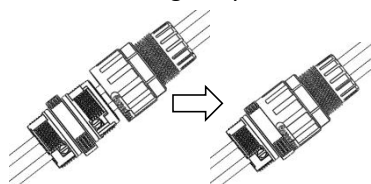


3.Locking wire

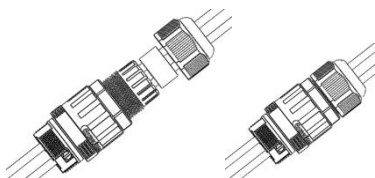


Screw install torque: $0.8 \pm 0.1 \text{ N}\cdot\text{m}$

4.Locking body

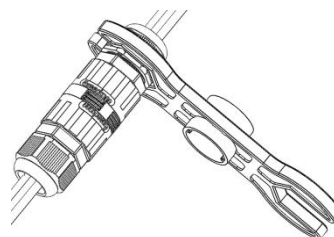


5. Tighten Nut



Nut install torque : $2.0 \pm 0.5 \text{ N}\cdot\text{m}$

6. Left end install method is the same as the right end



Package Specification

	Packing Material	Carton Size (mm)	Packing Contents	Quantity (PCS/Carton)
Standard Carton	Carton	460×340×250		400
MPQ	PE	120X80		----

Contact Information



Suzhou Exceedconn Technology Co.,Ltd

Add: No.26 Chuangtou Industrial Fair, SIP, Suzhou, China
215122

Tel: (86) 512 62930971

(86) 512 62930972

Fax: (86) 512 62930975

E_mail: yu.gao@exceedconn.com

[Http://www.exceedconn.com](http://www.exceedconn.com)