

傳輸速率  
10Gbps

M12-8 X編碼公母對接連接器

## M12防水圓形連接器

設計標準：符合DIN EN 61076-2-101/109/111

電纜連接器：線束成型/現場組裝式、直頭/彎頭、非屏蔽和360° 屏蔽

線纜長度可定制，PVC/PUR電纜可供選擇

板端插座：板前安裝/板後安裝 焊接式/PCB板接 直針/彎針

編碼：A/B/D/X/S/L/T多種編碼











芯數：2 3 4 5 6 8 12 17芯

材質：插針銅鍍金；外殼黃銅鍍鎳

防水等級：IP67



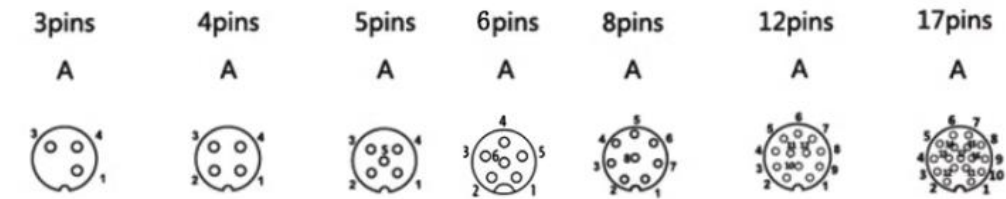
防水圓形連接器有 M5、M8、M12 公連接器和母連接器：線束成型(直頭帶線、彎頭帶線、雙頭帶線);現場安裝組裝式（半塑膠組裝式、金屬組裝式）；面板安裝（後鎖母座、前鎖母座、後鎖公座、前鎖公座、插座帶線、、插座 PCB 針、方形插座、彎座）；船用 NMEA200、T 型三通等。芯數有：M5 3pin 4pin；M8 3pin 4pin 6pin 8pin、M8 B 編碼 5pin；M12 A 編碼 3pin 4pin 5pin 8pin 12pin 17pin 、M12 B 編碼 4pin 5pin、M12 D 編碼 4pin、m12 X 編碼 8pin、M12 S 編碼 3+PE、M12 T 編碼 4pin、M12 L 編碼 4+PE

M12 产品电气参数										
孔位										
芯数	2	3	4 A	4 D	5 A	5 B	6	8 A	12	17
电压	250V							60V	30V	
电流	4A							2A	1.5A	
线规	0.34mm²/22AWG							0.25mm²/24AWG	0.14mm²/26AWG	
绝缘电阻	≥ 100 MΩ									
接触电阻	≤ 3mΩ									
温度范围	- 25 °C - + 80 °C									
锁紧方式	螺纹连接									
触点材料	CuZn (黄铜)									
触点电镀材料	Au (金)									
外壳材料	黄铜镀镍									
胶芯材料	PA66									
标准	符合IEC 61076-2-101									
防水等级	IP67									

## M12 孔位图

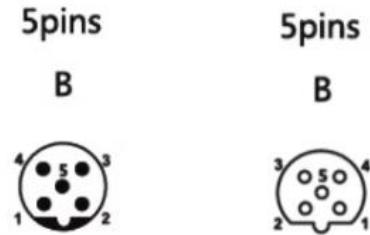
M12 A-编码接头3pins 4pins 5pins 8pins 12pins 17pins孔位布局图

应用：M12A-编码接头用于设备网、IO链路和Profibus的执行器传感器插头连接



M12 B编码接头5针公、母触点布置图

应用：Profibus和Interbus的现场总线连接

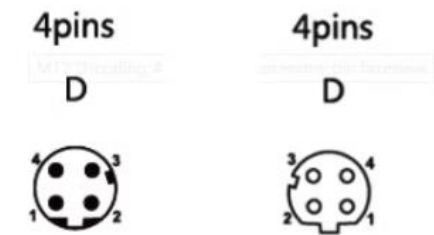


M12 X编码8芯公针和8芯母触点布局图

应用：Cat6A，高速10Gbit坚固工业以太网。

M12 D-编码连接器4芯公针和4芯母触点布局图

应用：工业以太网、Profinet、以太网/IP和EtherCat



M12 T编码接头4极芯、母触点布置

应用：现场总线组件、无源配电箱、电机、电源PSU、63V、12A

8pins

X



8pins

X



4pins

T



4pins

T



M12S-编码连接器2+PE, 3+PE公插头和母插头布局平面图

应用：电机、变频器、电动开关、电源PSU、630V、12A

2+PE

S



3+PE

S



2+PE

S



3+PE

S



M12L-编码连接器公、母4pin+PE接点布置图

应用：L编码的最大电流为16A的M12电源连接器实现了从大功率到小尺寸的转变，既可以大功率也可以小尺寸。在需要大电源、小空间的情况下，可用于PROFINET应用。

4+PE

L



4+PE

L



## 产品认证:

**CIC**  
**Certificate of Recognition**  
Certificate No.: 282Q191

Awarded to  
**Shenzhen Huilin Digital Technology Co., Ltd.**

Organization Code No./Unified Social Code: 914403007230000000  
Registered address: 6/F, Block B, Bldg C1, Huafeng 2nd Industrial Zone, Bao'an District, Shenzhen  
Audit address: 6/F, Block B, Bldg C1, Huafeng 2nd Industrial Zone, Bao'an District, Shenzhen

Beijing CIC Inspection & Certification Co., Ltd.  
Quality Management System of the above organization  
in accordance with the requirements of  
**GB/T19001-2016/ISO 9001:2015**

**SCOPE OF CERTIFICATION**  
Development, production and processing of electronic interconnectors, terminals, wiring harnesses (Qualifications-based operation)

This certificate is made valid when used with certification standards, laws and regulations. These requirements include, but are not limited to, the scope of qualifications, and CCC certification requirements.  
Subject to operation conditions in requirements conforming to the certificate.  
This Certificate is valid for a period of 3 years.  
**Date from: Oct. 29, 2019**  
The effectiveness of this Certificate shall be Validated by periodic surveillance audit and the last spot audit can be cancelled.

  Signed for and on behalf of  
CNCA-R-2016-282

 BEIJING CIC INSPECTION & CERTIFICATION CO., LTD.  
WEBSITE: WWW.CICGROUP.COM  
THE VALIDITY OF THE CERTIFICATE CAN BE VERIFIED ON  
THE WEBSITE OF THE NATIONAL CERTIFICATION AND ACCREDITATION

CERTIFICATE  
CERTIFICADO  
CERTIFICAT  
СЕРТИФИКАТ  
CERTIFICATE  
ZERTIFIKAT

**TMC**  
**Certificate of Compliance**

Certificate No.: TMC200114104-S

Applicant/  
Address: **Westam Technology (shenzhen) Co., LTD**  
Rm 602, 6/F, Bldg C1, Gushu Ind. zone, Hangkong Rd, Sanwei Community, Hangcheng Street, Bao'an Dist., Shenzhen

Manufacturer/  
Address: **Westam Technology (shenzhen) Co., LTD**  
Rm 602, 6/F, Bldg C1, Gushu Ind. zone, Hangkong Rd, Sanwei Community, Hangcheng Street, Bao'an Dist., Shenzhen

Product Name: **Connector**

Trade Name: **westam 西事特**

Model/Item Number: **M8, M5, M6, M9, M12, M16, 7/8, M23, F1, F3, F5, F7, F8, U1, U2, U3, U5, U6, U7**

Rated: **AC150-300V, DC30-250V, 1-200A**

Date and  
Number of Test Report: **January 17, 2020**  
TMC200114104-S

EC-directive: **LVD Directive 2014/35/EU**

Test Standard: **EN 61984:2009**

**Conclusion**  
This Certification of LVD Compliance has been granted to applicant based on the results of tests, performed by Laboratory of TMC Testing Services (Shenzhen) Co., Ltd. on sample of the above-mentioned product in accordance with the provisions of the relevant specific standards and the LVD Directive (2014/35/EU). It is possible to use CE marking to demonstrate the compliance with this Directive.

Place and date of issue: **Shenzhen, January 17, 2020**

**TMC Testing Services (Shenzhen) Co., Ltd.**  
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**TMC**