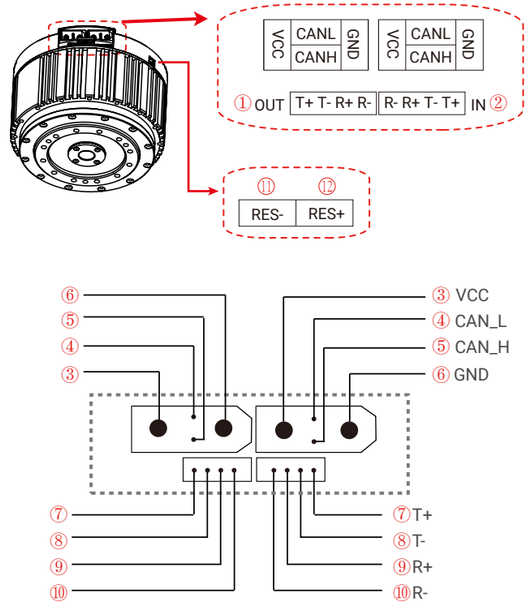
X12-320 Interface Description



Port Definition	Port Description
① **EtherCAT_OUT**	EtherCAT Output
② **EtherCAT_IN**	EtherCAT Input
③ **VCC**	Positive Power Supply
④ **CAN_L**	CAN_L Network Information Terminal
⑤ **CAN_H**	CAN_H Network Information Terminal
⑥ **GND**	Negative Power Supply
⑦ **T+**	The master station sends control commands to the module
⑧ **T-**	The module sends status feedback to the master station
⑨ **R+**	The master station feedbacks the module status data
⑩ **R-**	The module reflects the control commands of the master station
⑪ **RES-**	Bleeder Resistor Interface
⑫ **RES+**	Bleeder Resistor Interface

X12-320 Packaging Information

List:

A. **Power Supply + CAN BUS Communication Cable *2**

B. **120Ω Terminal Resistance *1**

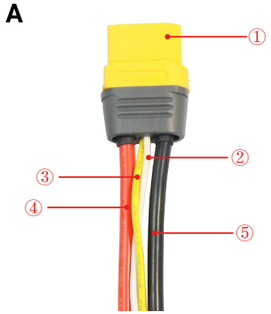
C. **EtherCAT Communication Cable *2**

D. **Bleeder resistor Cable *1**

E. **CAN BUS Communication Module *1** (For each order, there will be a free USB-CAN adapter. If need more, please contact sales to buy.)

X12-320 Accessories Marking Instructions

A

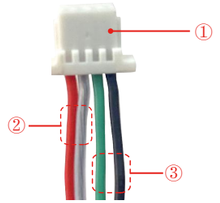


Power Supply + CAN BUS Communication Cable	
① **XT90Power Supply + CAN BUS Communication Cable**	
② **White Line**:	CAN_L Network Signal Terminal
③ **Yellow Line**:	CAN_H Network Signal Terminal
④ **Red Line**:	VCC Positive Power Supply
⑤ **Black Line**:	GND Negative Power Supply

B

120Ω Terminal Resistance

C



EtherCAT Communication Cable	
① **SH1.0mm(4pin) Connector**	
② **T**	EtherCAT Communication Signal Transmission Line
③ **R**	EtherCAT Communication Signal Receiving Line

D

Bleeder resistor Cable	
① **Black Line**:	RES+ Memory Battery Positive
② **Red Line**:	RES- Bleeder Resistor Interface

E

CAN BUS Communication Module	
① **CAN-L**	CAN_L NetworkInformation Terminal
② **CAN-H**	CAN_H Network Information Terminal
③ **CAN-G**	GND Ground
④ **OFF**	120Ω Terminal Resistance
⑤ **ON**	120Ω Terminal Resistance

Notes: For each order, there will be a free USB-CAN adapter. If need more, please contact sales to buy.