

### 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

Width 230mm

Length 280mm

Height 130mm

#### 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
- F. RJ45 Adapter Plate V1.0 \*1 ( For Ethercat version )

### X12-320 Accessories Marking Instructions

Power Supply + CAN BUS Communication Cable	
① XT90 Power Supply + CAN BUS Communication Cable	
② White Line:	CAN_L Network Signal Terminal 26AWG 20cm
③ Yellow Line:	CAN_H Network Signal Terminal 26AWG 20cm
④ Red Line:	VCC Positive Power Supply 14AWG UL3239 20cm
⑤ Black Line:	GND Negative Power Supply 14AWG UL3239 20cm

  

120Ω Terminal Resistance	
① 120Ω Terminal Resistance	

  

EtherCAT Communication Cable	
① SH1.0mm(4pin) Connector	
② T	EtherCAT Communication Signal Transmission Line 480mm
③ R	EtherCAT Communication Signal Receiving Line 480mm

  

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

  

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

  

RJ45 Adapter Plate V1.0	
① RJ45 Connector	Wired Network Interface
② T+	The master station sends control commands to the module
③ T-	The module sends status feedback to the master station
④ R+	The master station feedbacks the module status data
⑤ R-	The module reflects the control commands of the master station

**Notes:** Each order includes one USB-CAN adapter. For additional adapters, please contact our sales team to place an order.

**Notes:** Ethercat version - Each order includes one RJ45 adapter. For additional adapters, please contact our sales team to place an order.