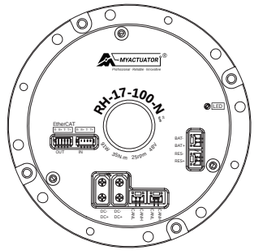
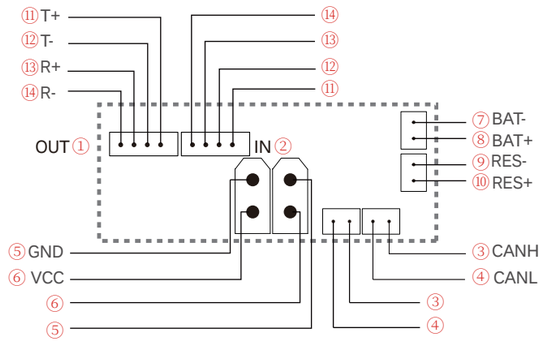
RH-17 Interface Description



RH-17



Port Definition	Port Description
① EtherCAT_OUT	EtherCAT Output
② EtherCAT_IN	EtherCAT Input
③ CAN_H	CAN_H Network Information Terminal
④ CAN_L	CAN_L Network Information Terminal
⑤ GND	Negative Power Supply
⑥ VCC	Positive Power Supply
⑦ BAT-	Memory Battery Negative
⑧ BAT+	Memory Battery Positive
⑨ RES-	Bleeder Resistor Interface
⑩ RES+	Bleeder Resistor Interface
⑪ T+	The master station sends control commands to the module
⑫ T-	The module sends status feedback to the master station
⑬ R+	The master station feedbacks the module status data
⑭ R-	The module reflects the control commands of the master station

RH-17 Packaging Information

List:

A. Power Supply Cable *2

B. CAN BUS Communication Cable *2 / Bleeder Resistor Cable *1 / Multi-turn battery Cable *1

C. 120Ω Terminal Resistance *1

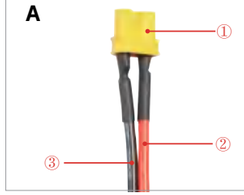
D. EtherCAT Communication Cable *2

E. CAN BUS Communication Module *1

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

RH-17 Accessories Marking Instructions

A



Power Supply Cable	
① XT30(2+2) Connector	
② Red Line	VCC Positive Power Supply 18AWG 20cm
③ Black Line	GND Negative Power Supply 18AWG 20cm

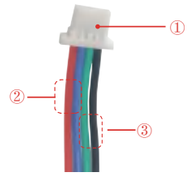
B

CAN BUS Communication Cable / Bleeder Resistor Cable / Multi-turn battery Cable	
① GH1.25-2P Connector	
② Black Line	CAN_H Network Information Terminal / Negative Power Supply / Negative Power Supply 300mm
③ White Line	CAN_L Network Information Terminal / Positive Power Supply / Positive Power Supply 300mm

C

120Ω Terminal Resistance	

D



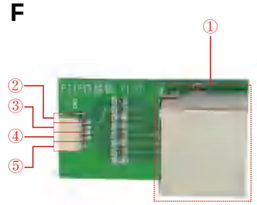
EtherCAT Communication Cable	
① SH1.0mm(4pin) Connector	
② T	EtherCAT Transmission Wire 480mm
③ R	EtherCAT Receiving Wire 480mm

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

F



RJ45 Adapter Plate V1.0	
①RJ45 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: Ethercat version - Each order includes one RJ45 adapter. For additional adapters, please contact our sales team to place an order.