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INDUSTRIAL PRODUCT DATASHEET

Myactuator X4-36 1:36 Motor CAN

Myactuator X4-36 motor is a highly-integrated planetary actuator module that includes frameless torque motor, absolute encoder, driver circuitry and planetary reducer.

SKU	UPDATED	PRICE
114090068	2026-11-11 09:19:36	$400.00(Excl. VAT)



Overview



Myactuator X4-36 motor is a highly-integrated planetary actuator module that includes frameless torque motor, absolute encoder, driver circuitry and planetary reducer. The module has 1:36 gear ratio, with 34 N.m peak torque. The module is perfect for rotobtics applications such as robot arm and humanoid robots. It can be controlled through CAN interface.

Key Features

01 **Highly-integrated**

Includes frameless torque motor, absolute encoder, driver circuitry and planetary reducer

02 **Simple connection Needs only one XT30(2+2) cable for power connection and control communication (CAN) interface**

03 **Dual Encoder**

Enables multi-turn position recognition

04 **Battery power compatible Could be used in 24V battery-powered system**

05 **Daisy-chain capable Can connect multiple X4 motors in series usingXT30cablesfor robotics applications**

Product Gallery







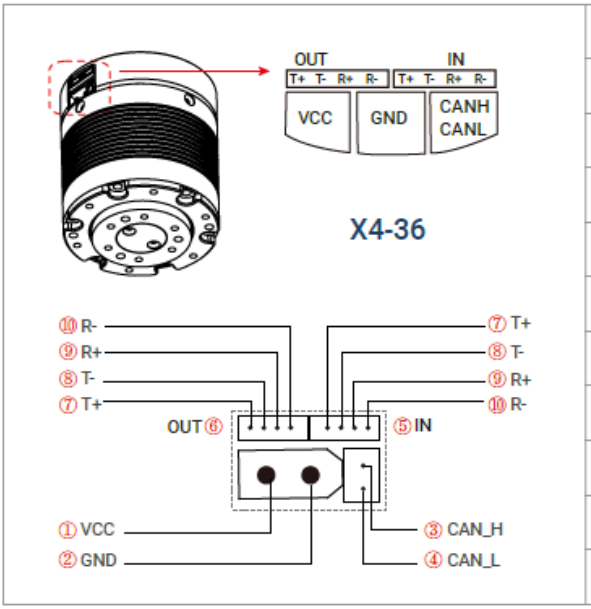




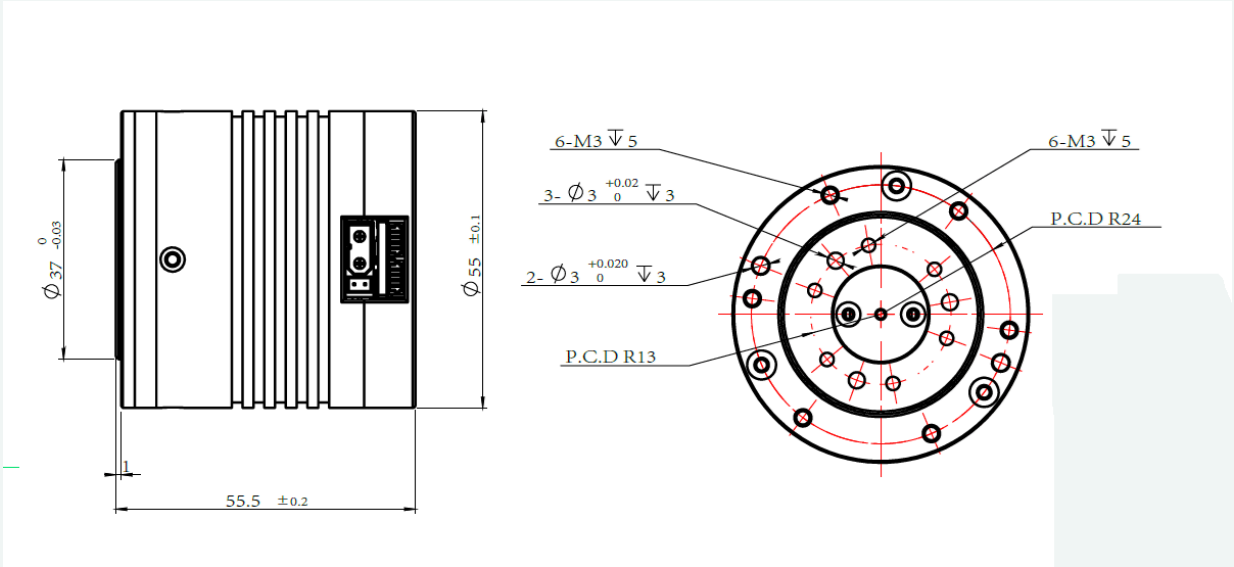


Hardware Overview

X4-36 Interface Description



Port Definition	Port Description
① VCC	Positive Power Supply
② GND	Negative Power Supply
③ CAN_H	CAN_H Network Information Terminal
④ CAN_L	CAN_L Network Information Terminal
⑤ EtherCAT_IN	EtherCAT Input
⑥ EtherCAT_OUT	EtherCAT Output
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



Applications

- **Robot Arm**
- **Please contact customer service for arm's reference design (STEP file) after purchase**

Resource Links

- https://www.seeedstudio.com/Myactuator-X4-P36-Planetary-Actuator-p-6469.html
- Datasheet
- User Manual
- Control Protocol

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