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INDUSTRIAL PRODUCT DATASHEET

Fashionstar RP6-U15H-M Servo

Fashionstar RP6-U15H-M Servois a12V 15kg dual-shaftserial bus servothatintegratesbrushless motor, reducer, magnetic absolute encoder and controller.

SKU	UPDATED	PRICE
114090073	2026-11-11 09:19:24	$42.00(Excl. VAT)



Overview



Fashionstar RP6-U15H-M Servois a12V 15kg dual-shaftserial bus servothatintegratesbrushless motor, reducer, magnetic absolute encoder and controller. Witha257:1reductionratio,the servo'sstall torque comesat 15 kg. cm and the rated torque at1.8kg. cm. Designed for versatility, it is suited for use in industrial automation, robotics, and low-torque drive applications.Itcomeswithamplecodeexamplesthatcanhelpacceleratedeploymentandintegration.

Key Features

01 **IntegratedDesign**

Provides Integrated design of brushless motor, reducer, magnetic absolute encoder and controller

02 **12-bit absolute encoder**

Includes 12-bit magnetic absolute encoder, supporting arbitrary angle setting as the zero-positionandmulti-turnanglecontrol

03 **AnglememoryEnsures position data is retained after power-off.**

04 **SmoothmotioncurveTrapezoidal acceleration and deceleration control profile generates a smoothed motion curve**

05 **Comprehensive protection featuresProvides comprehensive protection functions including thermal shutdown, voltageprotection, stall detection, and current/power limitation**

Product Gallery





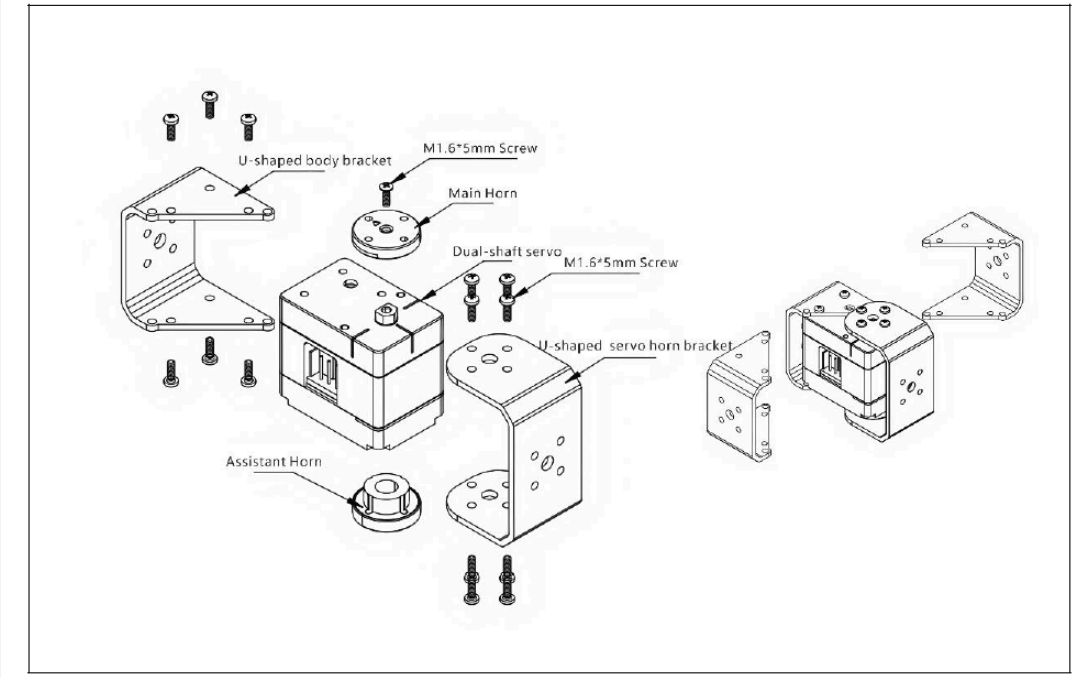


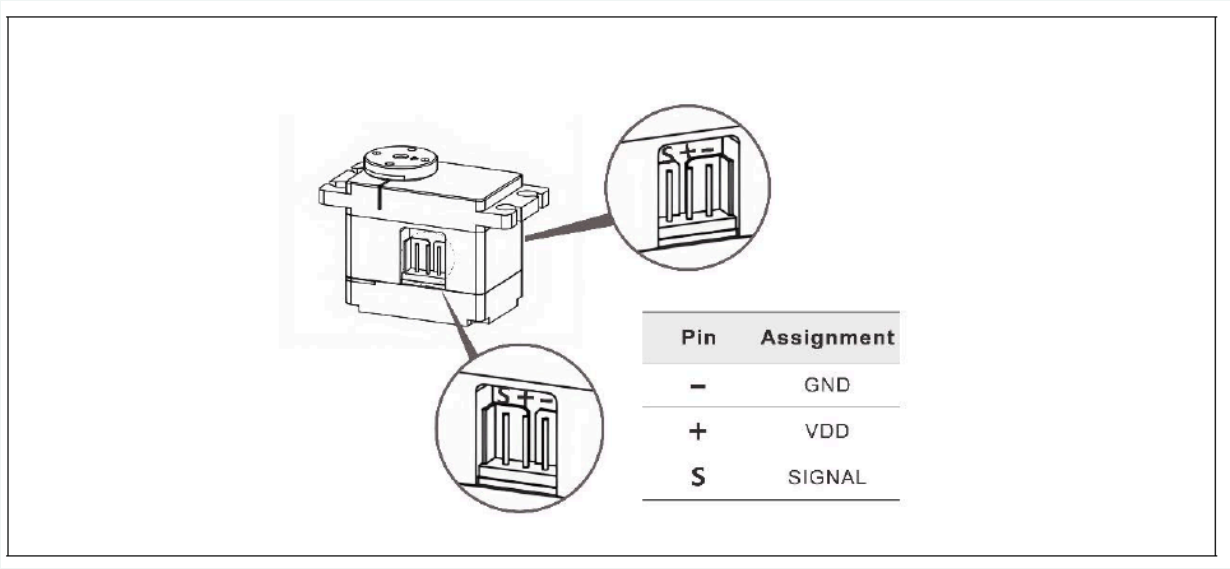






Hardware Overview





Applications

- **Robotics**

Resource Links

- https://www.seeedstudio.com/Fashionstar-RP6-U15H-M-Servo-p-6514.html
- Datasheet
- CAD

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