

# AX-18F/ AX-18A

---

## Part Photo

---



[AX-18F]



[AX-18A]

※ AX-18A is a new version of the AX-18F with the same performance but more advanced external design.

## H/W Specification

---

- Weight : 54.5g (AX-18F), 55.9g(AX-18A)
- Dimension : 32mm \* 50mm \* 40mm
- Resolution : 0.29°
- Gear Reduction Ratio : 254 : 1
- Stall Torque : 1.8N.m (at 12.0V, 2.2A)
- No load speed : 97rpm (at 12V)
- Running Degree
  - 0° ~ 300°
  - Endless Turn
- Running Temperature : -5°C ~ +75°C
- Voltage : 9 ~ 12V (Recommended Voltage 11.1V)
- Command Signal : Digital Packet
- Protocol Type : Half duplex Asynchronous Serial Communication (8bit,1stop,No Parity)
- Link (Physical) : TTL Level Multi Drop (daisy chain type Connector)
- ID : 254 ID (0~253)
- Communication Speed : 7343bps ~ 1 Mbps
- Feedback : Position, Temperature, Load, Input Voltage, etc.
- Material : Engineering Plastic