

Fieldbus Stepper Drives EM2RS Series

- Standard Isolated RS485 Modbus
- Smooth motion & Anti-resonance
- Built-in Uni-axial Control Instruction
- HMI, PLC or External I/O start motion



Features

- ▶ 7 Programmable Inputs
 - Limit + / - or Origin inputs
 - Quick stop, Alarm reset and Enable inputs
 - JOG + / - or Position Table inputs
- ▶ 3 Programmable Outputs
 - Alarm, Brake outputs
 - Homing / Instruction / Path complete
- ▶ Modes of Operation
 - Velocity
 - Position
 - Homing
- ▶ Support Functions
 - Teaching
 - Interrupt
 - Skip, Suspend, Circulate motion
- ▶ PC Software for Easy Setup, Fine Tune
- ▶ Matching Motors:
 - NEMA8, 11, 17, 23, 24, 34
 - Standard, dual shaft, brake, waterproof

2. Instruction smoothing

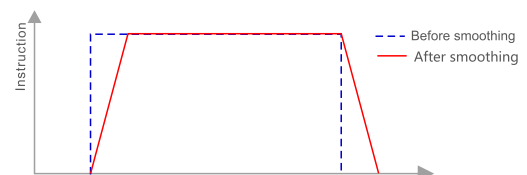


Figure A: When the controller sends a step signal of instruction, the stepper drive automatically smooth to a trapezoidal signal.

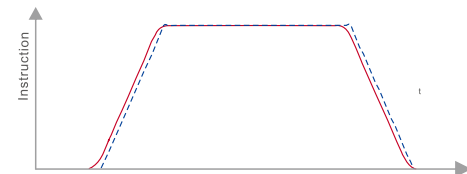
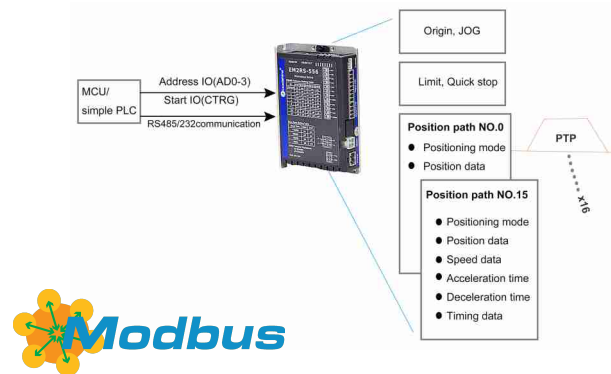
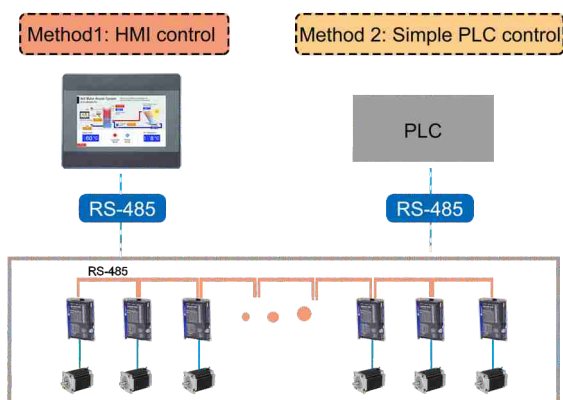


Figure B: When the controller sends a trapezoidal signal of instruction, the stepper drive automatically smooth to a s-shaped signal

3. Built-in uni-axial control instruction

Programmable 16-segment position table, support positioning/homing/ limit/ quick stop/ JOG...

1. Support RS485 communication



Models	Operating Voltage	Output Current(A)	Matching Motor	Weight(Kg)	Dimension(mm)
EM2RS-522	20-50VDC	0.3-2.2	NEMA8/11/14/17	0.55	118*79.5*25.5
EM2RS-556	20-50VDC	0.5-5.6	NEMA17/23/24	0.55	118*79.5*25.5
EM2RS-870	20-80VDC	0.5-7.0	NEMA23/24/34	0.55	118*79.5*25.5
EM2RS-A882	20-80VAC or 30-100VDC	0.5-8.0	NEMA24/34	0.57	151*97*53
CABLE-PC-1	Tuning Cable				
CABLE-TX*M*-BUS	Network Cable: 0.1m, 0.2m, 0.3m, 0.4m, 1m, 1.5m, 2m, 3m,5m,7m, 10m,15m, 20m				