Driver Specifications

Driver Type			Built-in Controller Type	Pulse-Input Type with RS-485 Communication	Pulse Input Type
Driver Product Name			**AZD-CD**	**AZD-CX**	**AZD-C**
I/O Function	Maximum Input Pulse Frequency		–	Line driver output by programmable controller: 1 MHz (When the pulse duty is 50 %) Open-collector output by programmable controller: 250 kHz (When the pulse duty is 50 %) Negative Logic Pulse Input (Initial Value)	
	Number of Positioning Data Sets		256 Points	256 Points[1]	
	Direct Input		10 Points	6 Points	
	Direct Output		6 Points		
	RS-485 Communication Network Input		16 Points		–
	RS-485 Communication Network Output		16 Points		–
Setting Tool	Data Setting Software **MEXE02**		○		
Coordinates Management Method			Battery-free Absolute System		
Operation	Positioning Operation	Operation Method	Positioning Operation	○	○	○[1]
			Positioning Push-Motion Operation[2]	○	○	○[1]
		Connecting Method	Independent Operation	○	○	○[1]
			Sequential Operation	○	○	○[1]
			Multistep Speed-Change (Configuration Connection)	○	○	○[1]
		Sequence Control	Loop Operation (Repeating)	○	○	○[1]
			Event Jump Operation	○	○	○[1]
	Continuous Operation		Position Control	○	○	○[1]
			Speed Control	○	○	○[1]
			Torque Control	○	○	○[1]
			Pushing	○	○	○[1]
	Return-to-home Operation		Return-to-home Operation	○	○	○
			High Speed Return-to-Home Operation	○	○	○
	JOG Operation			○	○	○
Monitor/Information			Waveform Monitoring	○	○	○
			Overload Detection	○	○	○
			Overheat Detection (Motor/Driver)	○	○	○
			Position/Speed Information	○	○	○
			Temperature Detection (Motor/Driver)	○	○	○
			Motor Load Factor	○	○	○
			Distance Traveled/Integrating Distance Traveled	○	○	○
Alarm				○	○	○

[1] This can be used by setting with the data setting software **MEXE02**

Built-in Controller Type RS-485 Communication Specification

Protocol	Modbus RTU Mode
Electrical Characteristics	EIA-485 Based, Straight Cable Use shielded twisted-pair cables (TIA/EIA-568B CAT5e or better recommended). The max. total extension length is 50 m.
Communication Mode	Half duplex and start-stop synchronization (data: 8 bits, stop bit: 1 bit or 2 bits, parity: none, even, or odd)
Baud Rate	9600 bps/19200 bps/38400 bps/57600 bps/115200 bps/230400 bps are available
Connection Type	Up to 31 units can be connected to a single programmable controller (master equipment).