

DIGIServo

AC Servo Drive & Motor | SDRV Series

DIGIServos are intelligent PWM drives with micro- controllers & DSP and can be applied with AC servo motors to variety of applications for positioning and accurate speed control.

Features

Technology	Control : Microcontroller & DSP based indigenous tech.	
	Power : Efficient IGBT-IPM Technology	
Inputs	Digital	
	1 Hold	1 Quick Stop
	2 Inch - FOR / BACK	
	Analogue	
	1 Analogue Input	
Outputs	Digital	
	1 Length Over	1 Length Over on quick stop
Indications	1. CPU OK	7. Low / High Voltage
	2. Over Current	8. Encoder Error
	3. Mode	9. Start
	4. Quick Stop	10. Inch FOR
	5. Inch BACK	11. Run Over
	6. Run Over with quick stop	
Encoder	2500 PPR	
Supply	200 - 255 VAC - 1 Ph Up to 1 KW	
Communication	RS 485 Serial	

Application Areas

Plastic	Bag / Pouch making, Slicing
Pharmaceutical	Labelling, Filling, Indexing
Consumer / Food	Labelling, Filling, Indexing
Printing / Paper	Sticker / Paper printing, Embossing, Cutting
Machine Tools	Feed in grinding, milling, drilling, Lathe, Engraving, Spark erosion, Indexing, X-Y table, 2/3/4 axes control, Back gauge in Shear & Hydraulic press
Chemical	Filling, Metering pumps, Servo valve control
Others	Winding

Specifications

Digital Inputs	10-30 Vdc / 20 mA
Digital Outputs	Open Collector - 30 Vdc / 20 mA
Protection	Over/Under Voltage, Over Current
Operating Temperature	0-50° C
Humidity	5-95% Rh, Non condensing



Applications

DIGIServo with suitable AC Servo Motor can be used in various motion control applications

- Positioning
- Speed gearless operation
- Continuous Start / Stop with direction
- Indexing
- Synchronization

Variants

1.2 N-m Torque	(450 w)	3000 RPM
2.2 N-m Torque	(750 w)	3000 RPM
4.7 N-m Torque	(1 kw)	2000 RPM

After Sales Support

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