

3A Servo amplifier



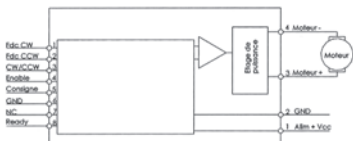
NANO

For motor control systems

- **Digital motor servo amplifier for driving motors (>90W)**
- Accepts limit switch inputs
- Small size
- Easily configured using a PC, RS232 cable required (not supplied)

Accessories

- **MDPOT-10T/10K** Control potentiometer
- Power supplies



Technical specifications		30V/3A	
- Max Power	90W	- Under voltage	Yes
- Power Supply	10 to 30 Vdc	- Over-current	Adjustable
- Max permanent output current	3A	- Motor short circuit	Yes
- Operating mode	PWM, 1 quadrant	- Short circuit on inputs	Yes
Inputs		Environment	
- Speed control	External voltage 0/10V	- Working temperature	0 to 40°C
- Enable	Voltage free contact (earthed)	- Storage temperature	-40 to +85°C
- Direction	Voltage free contact (earthed)	- Relative humidity	20 to 80 %non-condensing
- Limit switches	2 Voltage free contacts (earthed)	Connections	
Outputs		- Connectors	Spring loaded terminals, pitch 2.54mm. Wire size : 0.14 to 1.5mm ²
- Ready	Open collector, 30Vdc 20mA	- Connectors (motor + supply)	Screw clamp terminals, pitch 3.81mm . Wire size : 0.14 to 1.5mm ²
Controls		Mechanical characteristics	
- Max speed	Analogue voltage	- Dimensions	50x100x32mm
- Max current	Analogue voltage	- Weight	105g
Protection		- Mounting:	Uses M4 screws
- Reverse polarity	Resettable fuse		
- Over voltage	Yes		

DISCOUNTS

Qty	1+	6+	10+
Disc.	List	-7%	On request

Part number	Mounting	Screw spacing cable	Weight (g)	Price each 1 to 5
NANODC-1Q-30/3	M4 screw	34x54	0,11	134,86 €
NANODC-RS232		Cable NANO DC - RS232		101,52 €

Dimensions in mm