

# 3A Servo amplifier

## NANO

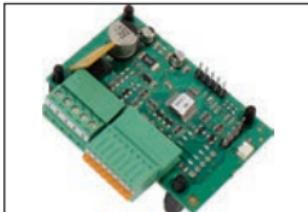
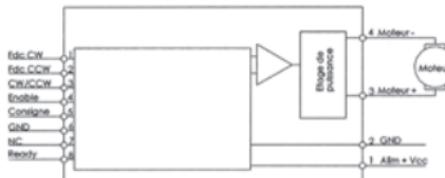
## For motor control systems

Size  
**XS**  week

- 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
<b>Inputs</b>			
- 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)	<b>Connections</b>	
<b>Outputs</b>		- Connectors	Spring loaded terminals, pitch 2.54mm.
- Ready	Open collector, 30Vdc 20mA	Wire size : 0.14 to 1.5mm <sup>2</sup>	
<b>Controls</b>		- Connectors (motor + supply)	Screw clamp terminals, pitch 3.81mm .
- Max speed	Analogue voltage	Wire size : 0.14 to 1.5mm <sup>2</sup>	
- Max current	Analogue voltage		
<b>Protection</b>			
- Reverse polarity	Resettable fuse	- Dimensions	50x100x32mm
- Over voltage	Yes	- Weight	105g
		- Mounting:	Uses M4 screws

### 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

## Our other products



CLLCLLP

Clevis components,  
long version, Steel -  
long range



HTD14M\_85

HTD Heavy duty  
timing pulley, HTD14  
Steel



T5M\_T10M

T type timing belt per  
metre, T5 Steel cored  
polyurethane



BSM

Spring plunger with  
internal hexagonal  
socket, stainless steel  
303 b...



PSG055

Spur gear - precision  
range, Stainless steel  
303



PRL

Wear strip for slat top  
chain, L profile to be  
clipped



BPM\_LOK

Long-Lok slotted  
spring plunger with  
ball tip, LONG-LOK -  
Steel



PP50

Worm and wheel gear  
reducer, from 6.50 to  
12.80 Nm



PCH

Knob for gripping,  
Mushroom



CHML63

Worm and wheel gear  
reducer, up to 138



SSDB

Stainless steel bevel  
gear, 2:1



RAGFLOW

Floway2® roller track,  
Roller track

## Complementary products



DOG319

Motor-gearbox 12V  
and 24V DC, from 4 to  
9 Nm



DOG111

Motor-gearbox 12V  
and 24V DC, from 1.5  
to 6 Nm