

# 3A Servo amplifier



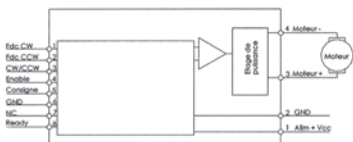
## NANO

## 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
<b>Inputs</b>		<b>Environment</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. Wire size : 0.14 to 1.5mm <sup>2</sup>
- Ready	Open collector, 30Vdc 20mA	- Connectors (motor + supply)	Screw clamp terminals, pitch 3.81mm . Wire size : 0.14 to 1.5mm <sup>2</sup>
<b>Controls</b>		<b>Mechanical characteristics</b>	
- Max speed	Analogue voltage	- Dimensions	50x100x32mm
- Max current	Analogue voltage	- Weight	105g
<b>Protection</b>		- 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

## Our other products



CLLCLLP  
Cleviss components,  
long version, Steel -  
long range



HTD14M\_85  
HTD Heavy duty  
timing pulley, HTD14  
Steel



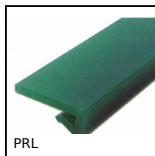
T5M\_T10M  
T type timing belt per  
metre, T5 Steel cored  
polyurethane



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



PSG05S  
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