

3A Servo amplifier



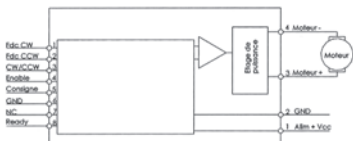
NANO

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

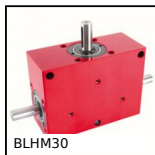
Part number	Mounting	Screw spacing cable	Weight (g)	Price each 1 to 5
NANODC-1Q-30/3	M4 screw	34x54	0,11	134,86 €
NANODC-RS232		Cable NANO DC - RS232		101,52 €

Dimensions in mm

Our other products



ADL_F
Female eye bolt
conforms to DIN582,
Steel



BLHM30
Right angled gearbox,
double output shafts,
up to 4.4 Nm



AT5P_AT10P
Connecting plate for
AT type timing belts,
AT10



SME
Male rod ends ,
Stainless steel / PTFE



PCLA_M
Technopolymer
clamping lever -
female, Plastic



PRF-GPB
Guide for aluminium
profile, Rail for 8mm
wide slots



PRF_FIX_UNI
Universal fastener for
aluminium profile,
Universal



BMM
Knurled knob - male,
Knurled



DOMI120
Accessories, Fixing kit



DOMI120
Domino 120
adjustable slide, Slide
DOMILINE 120



PMC48_M8
Anti-vibration
machine mount, Oval
base plate



SRG
Adjustable latch
clamp with strike
plate, Stroke from
117,4mm to 128mm

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