

## DES 50/5 4-Q-EC Servoamplifier

DIGITAL CAN RS232 GUI



The DES (digital EC servoamplifier) is a very powerful digital servoamplifier with sinusoidal power commutation for perfectly controlling EC motors up to 250 watts. The motor used must be fitted with Hall sensors and a 3-channel encoder.

### Operating modes

Digital speed controller and current controller (torque controller), suitable for positioning tasks.

### Digital

Modern digital signal processors (DSP) allow fast digital controlling. Parameters can be set digitally in a reproducible way.

### Easy start-up procedure

Uncomplicated connection, compatible with maxon EC motors. Easy adjustment using few potentiometers or alternatively configurable and commanding by serial interface (RS232 or CAN)

### Protection circuit

Monitoring of over current, short-circuiting of motor cables and over voltage

### Using a PC

Support by graphical user interface (GUI), Windows DLL for RS232 with several sample programs

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## DES 70/10 4-Q-EC Servoamplifier

DIGITAL CAN RS232 GUI



The DES (digital EC servoamplifier) is a very powerful digital servoamplifier with sinusoidal power commutation for perfectly controlling EC motors up to 700 watts. The motor used must be fitted with Hall sensors and a 3-channel encoder.

### Operating modes

Digital speed controller and current controller (torque controller), suitable for positioning tasks.

### Digital

Modern digital signal processors (DSP) allow fast digital controlling. Parameters can be set digitally in a reproducible way.

### Easy start-up procedure

Uncomplicated connection, compatible with maxon EC motors. Easy adjustment using few potentiometers or alternatively configurable and commanding by serial interface (RS232 or CAN)

### Protection circuit

Monitoring of over current, short-circuiting of motor cables and over voltage

### Using a PC

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