

DES 50/5 4-Q-EC Servoamplifier

DIGITAL CAN RS232 GUI



The DES (digital EC servoamplifier) is a very powerful digital servoamplifier with sinusoidal 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 processor (DSP) allows fast digital controlling. Parameters can be set digitally in a reproducible way.

Easy start-up procedure

Simple 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 overcurrent, short-circuiting of motor cables and overvoltage.

PC based commanding

Support by graphical user interface (GUI), Windows DLL for RS232 with several programming examples.

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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 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 processor (DSP) allows fast digital controlling. Parameters can be set digitally in a reproducible way.

Easy start-up procedure

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

Protection circuit

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