



SK30

Signal converter

Conversion of analog signals +/- 10V to clock- and direction signals for stepping motors.

- Scalable output frequency
- DIN mount rail
- Additional output incremental encoder simulation
- Additional stop input

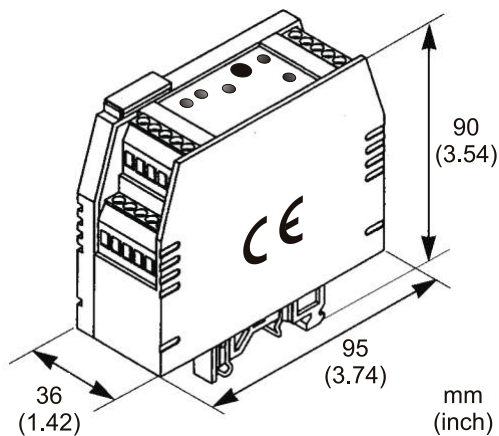


Description

The signal converter SK30 converts analog input voltages of +/- 10V DC into clock and direction signals. With the use of this converter stepping motors can be used in conjunction of a servo controller. An additional incremental encoder simulation is provided for position feedback signals.

Technical Data

Power supply:	24 VDC (18 ... 30 VDC)
Current consumption:	Ca. 100 mA
Analog voltage input:	Differential input +/- 10 V (-12 ... + 30 V) 27 kOhm impedance
Digital input (Stop):	24 VDC
Output clock/direction:	24 V 5 kHz ... 45 kHz Maximum frequency (scalable) 68 Ohm impedance 20 mA max. current
Incremental encoder output:	Balanced signals according to RS422 5 V max.
Ambient temperature:	0 ... 50 °C (32° ... 122°F)
Storage temperature:	-20 ... +70 °C (-4° ... 158°F)
Humidity	Max. 90 % non condensing
Connection:	Screw with wire protection
Emission:	EN 50081-2
Interference:	EN 50082-2
Protection class:	IP20
Dimension:	36 x 90 x 95 mm (WxDxH)
Weight:	Ca. 0,2 kg



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