



## KL4004 | 4-channel analog output terminal 0...10 V

The KL4004 analog output terminal generates signals in the range from 0 to 10 V. The voltage is supplied to the process level with a resolution of 12 bits and is electrically isolated. The output channels of a Bus Terminal have a common ground potential. The run LEDs give an indication of the data exchange with the Bus Coupler.

Technical data	KL4004   KS4004
Technology	single-ended
Number of outputs	4
Power supply	via the K-bus
Signal voltage	0...10 V
Load	> 5 k $\Omega$ (short-circuit-proof)
Output error	< $\pm 0.1$ % (relative to end value)
Resolution	12 bit
Conversion time	~ 2 ms
Electrical isolation	500 V (K-bus/signal voltage)
Current consumption power contacts	– (no power contacts)
Current consumpt. K-bus	typ. 85 mA
Bit width in the process image	output: 4 x 16 bit data (4 x 8 bit control/status optional)
Configuration	no address or configuration setting
Weight	approx. 85 g
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/variable
Pluggable wiring	for all KSxxxx Bus Terminals
Approvals	CE, UL, Ex

Special terminals	
KL4004-0050	Siemens S7 format