



KL4034 | 4-channel analog output terminal -10...+10 V

The KL4034 analog output terminal generate signals in the range from +10 to -10 V. The power 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	KL4034 KS4034
Technology	single-ended
Number of outputs	4
Power supply	via the K-bus
Signal voltage	-10...+10 V
Load	> 5 k Ω (short-circuit-proof)
Output error	< ± 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, GL

Special terminals	
KL4034-0010	Siemens S5 format