



KL4132 | 2-channel analog output terminal -10...+10 V

The KL4132 analog output terminal generates signals in the range from -10 to +10 V. The voltage is supplied to the process level with a resolution of 16 bits and is electrically isolated. The output channels of a Bus Terminal have a common ground potential. The two run LEDs give an indication of the data exchange with the Bus Coupler.

Technical data	KL4132 KS4132
Technology	single-ended
Number of outputs	2
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	16 bit
Conversion time	~ 1.5 ms
Electrical isolation	500 V (K-bus/signal voltage)
Current consumption power contacts	– (no power contacts)
Current consumpt. K-bus	typ. 75 mA
Bit width in the process image	output: 2 x 16 bit data (2 x 8 bit control/status optional)
Configuration	no address or configuration setting
Special features	increased resolution
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	
KL4132-0010	Siemens S5 format
KL4132-0050	Siemens S7 format