



KL4032 | 2-channel analog output terminal -10 V...+10 V

The KL4032 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 12 bits and is electrically isolated. The output channels of the Bus Terminal have a common ground potential. The run LEDs give an indication of the data exchange with the Bus Coupler.

Technical data	KL4032 KS4032
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	12 bit
Conversion time	~ 1.5 ms
Electrical isolation	500 V (K-bus/signal voltage)
Current consumption power contacts	– (no power contacts)
Current consumption 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
Weight	approx. 85 g
Operating/storage temperature	-25...+60 °C/-40...+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	
KL4032-0010	Siemens S5 format
KL4032-0011	fast μ P, scan time approx. 0.15 ms
KL4032-0050	Siemens S7 format