



KL3362 | 2-channel oscilloscope terminal -10...+10 V

The KL3362 analog input terminal makes it possible to perform non-central preliminary processing of analog values. The input values are digitised with a 14 bit resolution and written into an internal memory. An efficient processor can pre-process the values. Limit values and maximum and minimum values can be determined or monitored. The KL3362 can also carry out envelope curve monitoring. A trigger starts the cyclical processes. The result or all the measured values are transported to the higher-level automation unit.

Technical data	KL3362 KS3362
Number of inputs	2 analog, 1 trigger
Power supply	via the K-bus
Signal voltage	-10...+10 V
Technology	high-speed data logger
Internal resistance	> 500 k Ω
Internal resistance E1-GND, E2-GND	> 500 k Ω
Supply voltage	–
Conversion time	< 100 μ s, configurable (10 μ s with fast sampling mode)
Resolution	14 bit + sign
Measuring error	< \pm 0.5 % (relative to full scale value)
Internal memory	32 kbytes
Trigger	configurable
Current consumption power contacts	– (no power contacts)
Current consumpt. K-bus	typ. 120 mA
Bit width in the process image	input/output: 2 x 16 bit data (2 x 8 bit control/status per channel)
Special features	high-speed analog analysis
Weight	approx. 55 g
Operating/storage temperature	0...+55 $^{\circ}$ C/-25...+85 $^{\circ}$ 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