



KL1512 | 2-channel up/down counter, 24 V DC, 1 kHz, 16 bit

The up/down counter counts binary pulses, and transmits the counter state, in an electrically isolated form, to the higher-level automation device. Optionally the KL1512 Bus Terminal can be set up as an up or down counter (16 bit). The Bus Terminal contains two inputs that indicate their signal state by means of light emitting diodes. The KL1512 is particularly suitable for simple counting tasks, e.g. in connection with flow meters.

Technical data	KL1512 KS1512
Number of inputs	2
Nominal voltage	24 V DC (-15 %/+20 %)
"0" signal voltage	-3...+5 V
"1" signal voltage	15...30 V
Counting frequency	max. 1 kHz
Counter depth	16 bits
Input filter	0.2 ms
Input current	typ. 5 mA
Electrical isolation	500 V _{rms} (K-bus/field potential)
Bit width in the process image	input/output: 16 bit data, 8 bit control/status
Configuration	via the Bus Coupler or the controller
Weight	approx. 55 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 60068-2-27/29
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
Further information	www.beckhoff.com/KL1512