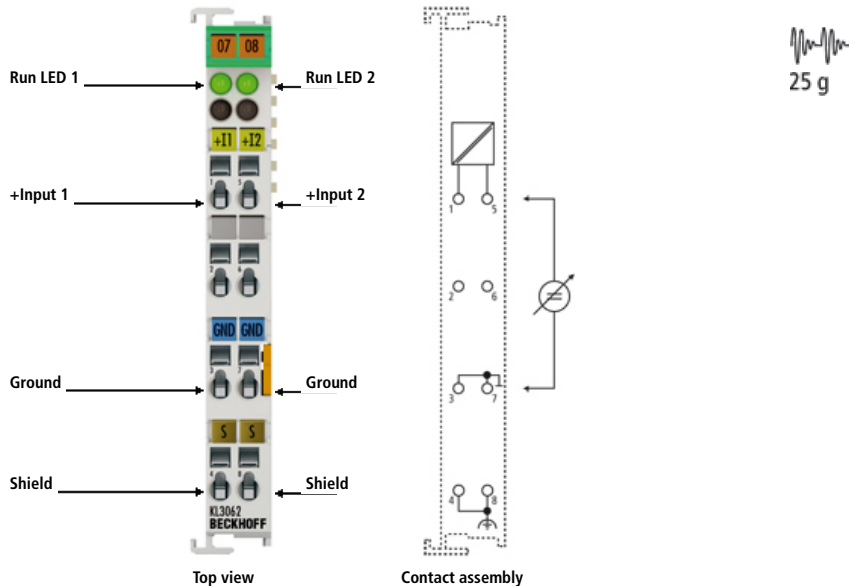




KL3062 | 2-channel analog input terminal 0...10 V

The KL3062 analog input terminal handles signals in the range from 0 to 10 V. The voltage is digitised to a resolution of 12 bits and is transmitted, electrically isolated, to the higher-level automation device. The input channels of the Bus Terminal have a common ground potential, the reference ground. The run LEDs give an indication of the data exchange with the Bus Coupler.

Technical data	KL3062 KS3062
Number of inputs	2
Power supply	via the K-bus
Signal voltage	0...10 V
Technology	single-ended
Internal resistance	> 200 kΩ typ.
Common-mode voltage U_{CM}	–
Resolution	12 bit
Conversion time	~ 2 ms
Measuring error	< ±0.3 % (relative to full scale value)
Electrical isolation	500 V (K-bus/signal voltage)
Current consumption power contacts	– (no power contacts)
Current consumption K-bus	typ. 60 mA
Bit width in the process image	input: 2 x 16 bit data (2 x 8 bit control/status optional)
Configuration	no address or configuration setting
Weight	approx. 60 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	
KL3062-0010	Siemens S5 format
KL3062-0011	voltage level 0...20 V
KL3062-0012	fast µP, scan time approx. 0.5 ms
KL3062-0013	voltage level 0...30 V
KL3062-0014	voltage level 0...50 V
KL3062-0050	Siemens S7 format