



EL3062-0030 | 2-channel analog input terminals 0...30 V, single-ended, 12 bit

The EL3062-0030 analog input terminal processes signals in the range between 0 and 30 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 EtherCAT Terminal have the reference ground as common ground potential. The EL3062-0030 combines two channels in one housing. The signal state of the EtherCAT Terminal is indicated by light emitting diodes.

Technical data	EL3062-0030
Number of inputs	2 (single-ended)
Power supply	via the E-bus
Technology	single-ended
Signal voltage	0...30 V
Distributed clocks	–
Internal resistance	> 130 kΩ
Input filter limit frequency	1 kHz
Resolution	12 bit (16 bit presentation, incl. sign)
Conversion time	0.625 ms default setting, configurable
Measuring error	< ±0.3 % (relative to full scale value)
Electrical isolation	500 V (E-bus/signal voltage)
Current consumption power contacts	–
Current consumption E-bus	typ. 130 mA
Dielectric strength	max. 30 V
Special features	activatable FIR/IIR filters, limit value monitoring
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
Approvals	CE, UL, Ex

Related products	
EL3062 ES3062	2-channel analog input terminal 0...10 V, single-ended, 12 bit