



EL4134 | 4-channel analog output terminal -10...+10 V, 16 bit

The EL4134 analog output terminal generates signals in the range between -10 and +10 V. The voltage is supplied to the process level with a resolution of 16 bits and is electrically isolated. The output channels of the EtherCAT Terminal have a common ground potential. The EL4134 has four channels. The signal state of the EtherCAT Terminal is indicated by light emitting diodes.

| Technical data | EL4134 ES4134 |
|------------------------------------|--|
| Connection technology | 2-wire, single-ended |
| Number of outputs | 4 |
| Power supply | via the E-bus |
| Signal voltage | -10...+10 V |
| Distributed clocks | yes |
| Distributed clock precision | << 1 µs |
| Load | > 5 kΩ (short-circuit-proof) |
| Output error | < 0.1 % (relative to end value) |
| Resolution | 16 bit (incl. sign) |
| Electrical isolation | 500 V (E-bus/signal voltage) |
| Conversion time | ~ 290 µs |
| Current consumption power contacts | – |
| Current consumption E-bus | typ. 265 mA |
| Bit width in the process image | 4 x 16 bit AO output |
| Special features | Watchdog parameterisable; user synchronisation can be activated. |
| Weight | approx. 65 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 ESxxxx terminals |
| Approvals | CE, UL, Ex |

| Related products | |
|--------------------|---|
| EL4134-0020 | 4-channel analog output -10...+10 V, 16 bit, with calibration certificate |