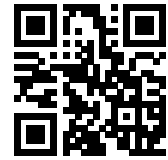


EJ4134 | EtherCAT plug-in module, 4-channel analog output, voltage, ± 10 V, 16 bit



i **Product status:** Regular delivery

The EJ4134 analog output 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 plug-in module have a common ground potential. The signal state of the EtherCAT plug-in module is indicated by light emitting diodes.

Product information

Technical Data

Technical data	EJ4134
Technology	± 10 V
Power supply	via the E-bus
Number of outputs	4
Signal voltage	-10...+10 V
Distributed clocks	yes
Distributed clock precision	$\ll 1 \mu\text{s}$
Load	$> 5 \text{ k}\Omega$ (short-circuit proof)
Measuring error	$< 0.1 \%$ (relative to full scale value)
Output error	$< \pm 0.1 \%$ (relative to end value)
Resolution	16 bit

Electrical isolation	500 V (E-bus/signal voltage)
Conversion time	~ 200 µs (0...100 %)
Current consumption periphery	–
Auxiliary power current	typ. 40 mA
Current consumption E-bus	typ. 90 mA
Special features	Watchdog parameterizable; user synchronization can be activated.
Dimensions (W x H x D)	approx. 12 mm x 66 mm x 55 mm
Weight	approx. 30 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/see documentation
Approvals/markings	CE, UL

Housing data	EJ-12-16pin
Design form	EtherCAT I/O plug-in module
Material	polycarbonate
Installation	on signal distribution board
Mechanical coding	EJ plug-in module: signal-specific coding pins on the housing, signal distribution board: holes in the printed circuit board
Locking	latching lug in circuit board cut-out
Connection method	field wiring: application-specific wiring level on the signal distribution board, EJ plug-in module: 2 x 20-pin socket strip
Dimensions (W x H x D)	12 mm x 66 mm x 55 mm