



## EJ4018 | 8-channel analog output 0...20 mA, 12 bit

The EJ4018 analog output generates signals in the range between 0 and 20 mA. The current is supplied to the process level with a resolution of 12 bit and is electrically isolated. The output stages are powered by the 24 V supply. The EJ4018 combines eight channels in one housing. The signal state of the EtherCAT plug-in module is indicated by light emitting diodes.

Technical data	EJ4018
Connection technology	1-wire, single-ended
Number of outputs	8
Supply voltage electronics	24 V DC (via distribution board)
Signal voltage	0...20 mA
Distributed clocks	yes
Load	< 150 $\Omega$
Output error	< $\pm 0.1$ % (relative to end value)
Resolution	12 bit
Electrical isolation	500 V (E-bus/field potential)
Conversion time	~ 400 $\mu$ s
Current consumption periphery	max. typ. 60 mA
Current consumption E-bus	typ. 80 mA
Special features	Optional watchdog: user-specific output value with ramp; user synchronisation can be activated.
Dimensions (W x H x D)	12 mm x 66 mm x 55 mm
Operating/storage temperature	0...+55 $^{\circ}$ C/-25...+85 $^{\circ}$ 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
Approvals	CE, UL