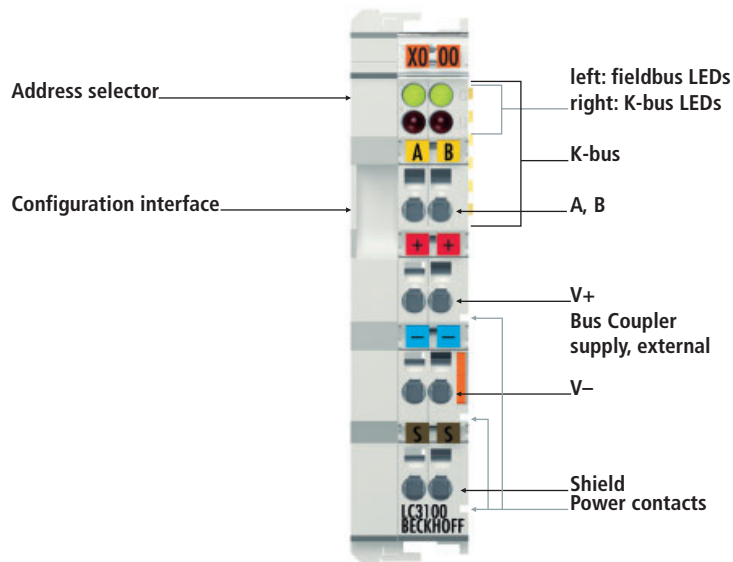




LC3100 | PROFIBUS “Low Cost” Bus Coupler



The LC3100 “Low Cost” Bus Coupler is marked by a smaller design and a more economical connection method. Its functions correspond to those of the PROFIBUS BK3110 Bus Coupler in relation to operation with Bus Terminals and to the fieldbus properties. Up to 64 digital input/output terminals can be

connected. The firmware can be updated via the configuration interface.

The LC3100 Bus Coupler is particularly suitable for use in small, low-price stations. The 24 V DC supply voltage feeds the peripheral devices via the power contacts. It also feeds the Bus Coupler and K-bus electron-

ics. Electrical isolation from the I/O level is omitted from the Bus Coupler, but can if necessary be implemented by means of a power feed terminal.

The LC3100 Bus Coupler can be replaced by a Bus Coupler from the BK3110 series.

Technical data	LC3100
Power supply	24 V DC (-15 %/+20 %)
Input current	70 mA + (total K-bus current)/4, 500 mA max.
Supply current K-bus	500 mA
Power contacts	24 V DC max./10 A max.
Electrical isolation	between power supply/field bus, none between power supply/power contacts
Connection method	directly to spring-loaded terminals
Dimensions (W x H x D)	similar to the Bus Terminal housing, width 21 mm
Operating/storage temperature	0...+55 °C/-25...+85 °C
Relative humidity	95 %, no condensation
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27/29
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 20/variable
Further information	www.beckhoff.com/LC3100

For system data see 401