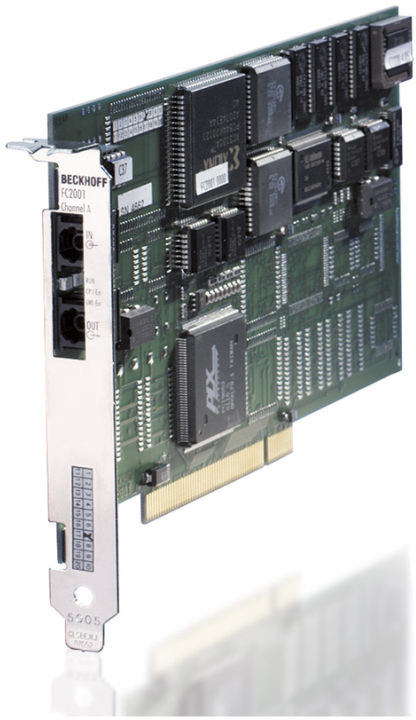
FC2001 | Infrastructure, 1-channel fieldbus card, Lightbus, master, PCI, LWL



Product status: Regular delivery

The PCI Fieldbus Cards from Beckhoff are characterised by outstanding features. They are tailor-made for TwinCAT, the software solution for PC-compatible control technology. The power of TwinCAT comes into its own with this interface generation:

- cycle times up to 100 µs are possible
- process data communication can either be free running or synchronized
- it is possible to select two parallel fieldbus channels on one card
- powerful parameter and diagnostics interfaces (ADS)

TwinCAT I/O provides configuration tools and drivers for different Windows versions for programs in any desired high-level language (DLLs) and for Visual Basic applications (ActiveX). Applications with OPC interface can access the cards via an OPC server.

Product information

Technical Data

Technical data	FC2001-0000
Fieldbus	Lightbus
PC interface	PCI
Number of fieldbus channels	1
Data transfer rates	2.5 Mbaud, 32 bit of process data in 25 µs

Bus interface	2 x standard fibre optic connector Z1000 (plastic fibre), Z1010 (HCS fibre)
Interrupt	initiation of 2 PC hardware interrupts is possible
Hardware diagnosis	3 LEDs per channel
NOVRAM	–
Dimensions	approx. 106 mm x 187 mm
Operating temperature	0...+55 °C
Driver	only compatible with TwinCAT 2