EL6731 EtherCAT Terminal, 1-channel communication interface, PROFIBUS, master/slave

The [PROFIBUS](https://www.beckhoff.com/en-us/products/i-o/overview-fieldbus-systems/profibus/#text_bild_1) master terminal EL6731 supports the PROFIBUS protocol with all its features. Within an [EtherCAT](https://www.beckhoff.com/en-us/products/i-o/ethercat/%22%20%5Cl%20%22text_bild_1%22%20%5Co%20%22Real-time%20Ethernet%3A%20Ultra%20high-speed%20right%20up%20to%20the%20terminal) Terminal network, it enables the integration of any PROFIBUS devices. Thanks to the PROFIBUS chip developed in-house, the terminal is equipped with the latest version of the PROFIBUS technology – including high-precision isochronous mode for axis control and expanded diagnostic options. The EL6731 supports different poll rates for the PROFIBUS slaves. Like the FC3101 PROFIBUS PCI card, the EL6731 can be used for connection to PROFIBUS networks. The terminal, however, enables a more space-saving implementation since no PCI slots are required in the Industrial PC.

●Cycle times from 200 µs are possible;

●PROFIBUS DP, PROFIBUS DP-V1, PROFIBUS DP-V2;

●master or slave up to 12 Mbit/s;

●powerful parameter and diagnostics interfaces;

●The error management for each bus user is freely configurable;

●It is possible to read the bus configuration and automatically assign the “GSD” files;