

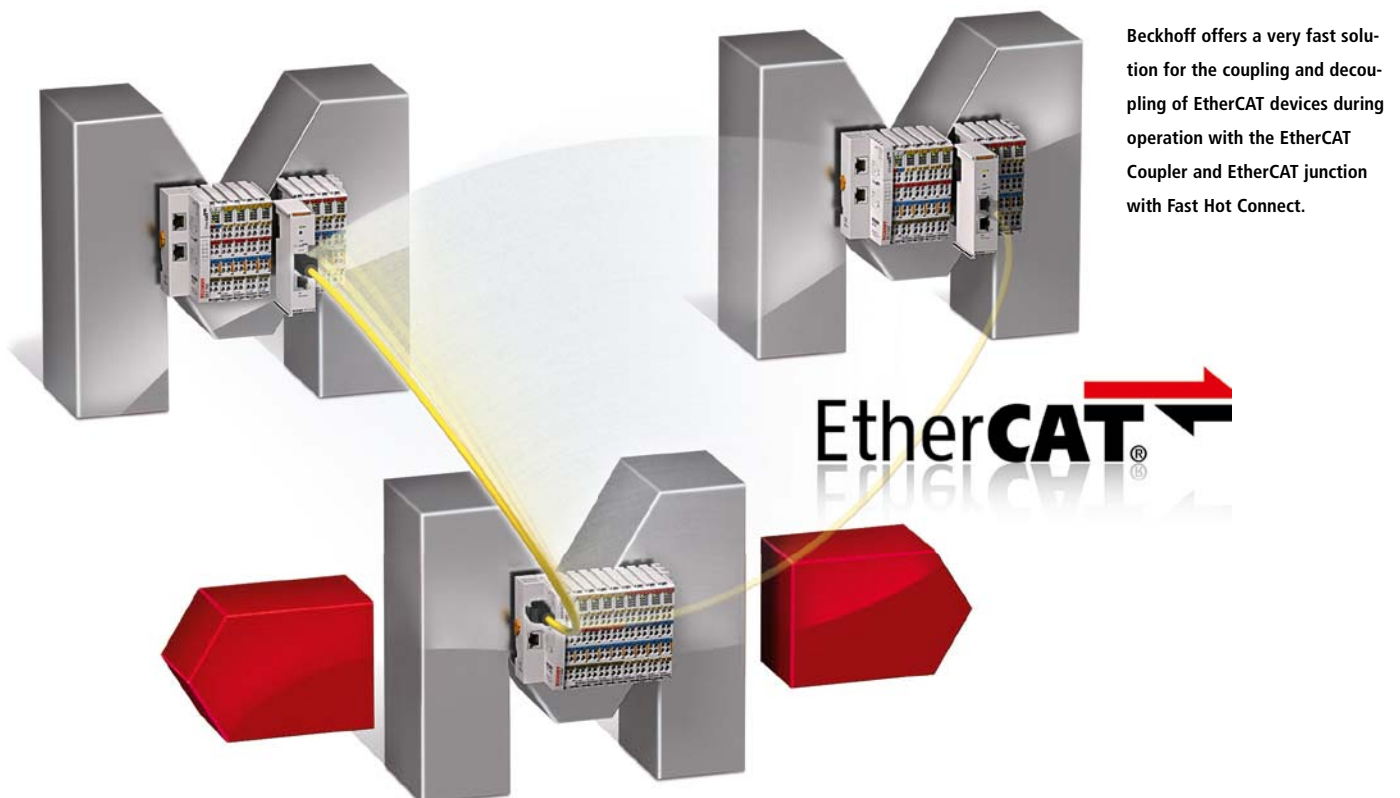
Fast Hot Connect: faster tool change increases productivity

Hot Connect is an EtherCAT characteristic for changing topologies by direct coupling or decoupling during operation. With the new EK1101-0080 EtherCAT Coupler and the EK1122-0080 EtherCAT junction with "Fast Hot Connect", the connection time is reduced to 1 second, thus increasing productivity.

In metalworking machines or robots, for example, this results in extremely fast tool changes. The time required for the tool change is added 1:1 to the cycle time; therefore a shortening of the tool change time also results in a

shortening of the cycle time and output is increased. The TwinCAT automation suite supports Fast Hot Connect on the master side.

The EtherCAT Terminal system is a modular I/O system consisting of electronic terminal blocks. EtherCAT's technological features are supported to the optimum, since the EtherCAT protocol is retained completely right down to the individual terminal. Suitable EtherCAT Terminals are available for all common digital and analog signal types encountered in the world of automation. Lower-level bus systems are integrated via local master/slave terminals.



Further Information:

www.beckhoff.com/EK1101-0080