

Serial interfaces in compact IP 67 box



The new EP6002 2-channel EtherCAT Box module in protection class IP 67 enables the integration of external devices with an RS232 or RS422/RS485 serial interface into an EtherCAT network.

The new EP6002 EtherCAT Box Module permits the direct integration of external devices with a serial interface, such as barcode or RFID readers, in the field without a control cabinet. Using selectable RS232 or RS422/RS485 interfaces, the compact IP 67 module with two channels offers high flexibility for the integration of serial devices into an EtherCAT network.

The EtherCAT Box's small dimensions of only 126 x 30 x 26.5 mm (H x W x D) make it ideal for applications in confined spaces. The IP 67 box EP6002 enables the simple connection of devices with an RS232 or an RS422/RS485 interface. The module transmits the data in a fully transparent way to the higher level EtherCAT controller. The active serial

communication channels operate in full duplex mode at up to 115,200 baud, wherein an 864-byte receive buffer and a 128-byte transmit buffer are available for the temporary storage of the data in the EtherCAT Box. The serial devices are connected via rugged M12 plug connectors. With the "TwinCAT Virtual Serial COM Driver" software, the EP6002 EtherCAT Box can also be used without a controller as a COM interface in Windows operating systems.

EP6002 EtherCAT Box www.beckhoff.com/EP6002