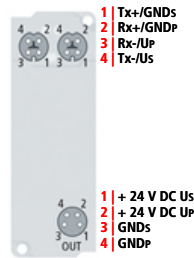


EPP9022-0060



I/O connection

Connector assignment

EPP9022-0060 | EtherCAT P Box with diagnostics

The EPP9022-0060 EtherCAT P Box can be used for diagnosing and measuring the voltages U_s and U_p and currents I_s and I_p , both temporarily during commissioning and permanently during operation. Even without an EtherCAT master, the voltage range is displayed on the box by LEDs (green, yellow and red). In a running EtherCAT network, the values of U_s , U_p , I_s and I_p can also be read out as process data in the master. The voltage levels for the LED displays can be adjusted by CoE.

In addition the EtherCAT P Box is equipped with an M8 power socket to which an external multimeter can be connected for measuring the voltages.

The EtherCAT P Box modules are characterised by their small and space-saving form factor.

Technical data	EPP9022-0060
Task within EtherCAT system	diagnostics of the U_s/U_p voltages and I_s/I_p currents
Number of channels	IN: 1 x EtherCAT P, OUT: 1 x EtherCAT P
Nominal voltage	24 V DC (-15 %/+20 %)
Total current	feed-in max. 3 A per U_s and U_p
Current consumption from U_s	typ. 100 mA
Current rating per port	max. 3 A per U_s and U_p
Power supply connection	not necessary
Bus interface	M8 socket, shielded, screw type, EtherCAT-P-coded
Protocol	EtherCAT P
Special features	diagnostic LED for U_s , diagnostic LED for U_p
Weight	approx. 90 g
Operating/storage temperature	-25...+60 °C/-40...+85 °C
Vibration/shock resistance	conforms to EN 60068-2-6/EN 60068-2-27
EMC immunity/emission	conforms to EN 61000-6-2/EN 61000-6-4
Protect. class/installation pos.	IP 65/66/67 (conforms to EN 60529)/variable
Approvals/markings	CE, UL

Accessories	
ZK700x-010x-0xxx	Cables for EtherCAT P: Ultra-fast Communication and Power in One Cable