

Kuhnke FIO

Communication modules

The communication modules are used to connect the Kuhnke FIO system to EtherCAT networks and to integrate devices and systems with RS232, RS485 or CAN interfaces.

The product range includes EtherCAT bus couplers for network coupling, EtherCAT extenders for extending network topologies, and communication modules for providing additional serial and fieldbus-based interfaces.

This allows automation components to be flexibly integrated into existing control and communication structures.



	Technical Data		
Type	EtherCAT Coupler	EtherCAT Extender 1-port	EtherCAT Extender 2-port
Order no.	694 400 00	694 400 01	694 400 02
Bus Interface RJ45	2 (In / Out)	1 (Out)	2 (Out / Out)
Bus Interface E-Bus	1 (Out)	2 (In / Out)	2 (In / Out)
Power supply	24 V DC	-	-
Power supply E-Bus	3 A	-	-
Type	EtherCAT RS485 1 Port	EtherCAT RS232 2 Port	EtherCAT CAN Master/Slave
Order no.	694 455 02	694 455 04	694 455 06
Interface	RS485 2400...115200 bit/s	RS232 2400...115200 bit/s	CAN 100...1000 kbit/s
Connection	Spring- loaded plug with mechanical ejection		
Fieldbus	EtherCAT® 100 Mbit/s LVDS: E-Bus		
Mounting	35 mm DIN-Rail		
Indication	LED, assigned to the clamping point locally		
Shield connection	Directly at module		
I/O connection	Spring-loaded plug with mechanical ejection		
Ambience conditions	0° C...+55 °C, IP 20, Interference immunity Zone B per EN 61131-2		
Housing (W x H x D)	Aluminium, plastic 25 x 120 x 90 mm		
Certifications	CE, cULus		



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