

MODULAR I/O

Kuhnke FIO Mix 111 CoE

694 444 66

This module series combines many different I/O signals to an intelligent module, saving the limited space in the control cabinet and reducing the variety of modules required in an EtherCAT® system. Under the system name FIO MIX complements the series of highly compact and multifunctional I/O modules the Kuhnke EtherCAT I/O family.

The Kuhnke FIO MIX 111 module provides besides 2 analogue inputs and 2 analogue outputs, each configurable for current and voltage, 12 digital inputs and 8 digital outputs. As an alternative defined IOs can also be configured for special functions e.g. 2 event counters, 2 A-B-Z encoder, 4 pulse-train outputs (PTO) or 4 PWM outputs can be configured as well. The configuration in CODESYS is done by pluggable modules with corresponding slots. Each slot thereby represents e.g. one analogue channel or an encoder interface. This procedure bases on "EtherCAT Modular Device Profile".

Integrated functions:

- Functions selectable by using CODESYS V3 libraries
- Signal preprocessing on the module
- Customizing possible



DESCRIPTION	VALUE
Function	multifunctional
Model	Control cabinet module
Digital I/Os (integrated)	12 x DI 24 V (adjustable filter times), 8 x DO (4 x 24 V 0,5 A (HighSide) / 4 x 24 V 0,2 A (PushPull))
Analogue I/Os (integrated)	2 x AI (0...10 V, 0/4 ...20 mA, 12 Bit), 2 x AO (0...10 V, 0/4 ...20 mA, 12 Bit)
Integrated function	2 x AI (0...10 V, 12 Bit), 4 x event counter (200kHz), 2 x Encoder A-B-Z (100 kHz), 2 x frequency generator or 4x PTO or 4 x PWM (100 kHz), (Die Nutzung reduziert die Anzahl der verfügbaren IOs)
Interfaces	-
Product status	In preparation
Field bus interfaces	EtherCAT / CoE
Type of connection	female plug with PUSH IN spring connection
Status indication	LEDs allocated to the point of termination
Housing material	Aluminium frame, plastic housing
Dimensions (W x H x D)	25 x 120 x 90 mm
IP-Protection Class	IP 20
Supply voltage	24 V DC (-15% ... +20%)
Operating temperature	0 ... +55°C
Immunity	Zone B according to EN 61131-2
Certifications	CE, UL

CONTACT

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PRODUCT

<https://www.kendrion.com/en/productfinder/group/product/modular-io/694-444-62-1>