

The KPA EtherCAT CAN Gateway is an EtherCAT slave for connecting of 4 raw CAN buses to an EtherCAT network. This device even meets the EMI requirements of automotive testing industry.

Advantages

- Can be placed close to CAN devices
- Suitable for harsh environments (IP, EMI)
- Replaces OS dependent on PCI CAN boards



M8 will be M12

EtherCAT

- FoE for firmware update
- MDP support for configuring with any EtherCAT Master configuration tool
- API on master side similar to CAN PCI boards for easy replacement

Technical specification

Interfaces	EtherCAT interface: 2 x M12; CAN interface: 4 x M12
IP level	IP 65
Power supply	9...40V DC via M12
Power consumption	180mA@24VDC
Operating temperature	0...70° (commercial)
Dimensions, mm	124x100x36 (M8)
EMV-ILA*)	Class B fulfilled
Mounting options	DIN rail; compatible to 19" 3U systems by adapters

CAN specification

Identifier	11-bit and 29-Bit format
Data buffering	Size adjustable
Baud rate	Any baud rate up to 1 MBit/s
Electrical Isolation	1,3 kV between all channels and ground
Termination	Internal

Delivery Package

- 2 * Adapter M12 EtherCAT cable
- 4 * Adapter M12 CAN cable
- 1 * Adapter M12 Power cable
- 1 * Clamp for DIN rail

Bench Package (optional)

- 2 * Adapter cable M12 to RJ 45
- 4 * Adapter cable M12 to SUB-D9
- 1 * Adapter cable M12 to Phoenix
- 4 * Gender Changers SUB-D9

Ordering Information

Part number	Name	Comment
4001 1104	KPA IP 65 4-CAN-EtherCAT Gateway	Available approximately Q2 / 2015

*)EMV - Integrationsleitfaden zur Erzielung von Elektromagnetischer Verträglichkeit in elektrischen Anlagen der Automobilindustrie
(Integration Guide for achieving electromagnetic compatibility in electrical systems in the automotive industry)

HongKe



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