

The KPA EtherCAT 4CAN 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.

## 1 Advantages

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



## 2 EtherCAT

- FoE for firmware update.
- MDP support for configuring with any EtherCAT Master configuration tool.

## 3 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	124x113x42 (150x113x42 with sockets)
EMV-ILA*	Class B fulfilled
Mounting options	DIN rail; compatible to 19" 3U systems by adapters

## 4 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	External

## 5 Ordering information

Part number	4001 0004
Part name	KPA EtherCAT 4CAN Gateway

## 6 Optional components

2x Adapter M12 Ethernet cable	2x Ethernet - SFTP 1,5m [RJ45 -> M12MSD]
4x Adapter M12 CAN cable	4x CAN - 1m [M12FS -> SUB9M]
1x Adapter M12 Power cable	1x Powercable - 1x 1,5m [M12FSB]
1x Clamp for DIN rail	

\*Integration Guide for achieving electromagnetic compatibility in electrical systems in the automotive industry.

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