



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.

koenig-pa GmbH
 Im Talesgrund 9a
 91207 Lauf a.d. Pegnitz
 Germany
www.koenig-pa.de

Contact
 email: sales@koenig-pa.de
 tel.: +49 9128 725 614 (Feucht)
 tel.: +49 9128 725 631 (Feucht)
 fax: +49 9128 725 407 (Feucht)

koenig-pa GmbH Quality Management System certified according to DIN EN ISO 9001:2015 (Initial certification in 2008).
 Copyright © koenig-pa GmbH, Germany. All rights reserved.
 EtherCAT® is registered trademark and patented technology, licensed by Beckhoff Automation GmbH, Germany

