KPA EtherCAT 4CAN Gateway

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.

Advantages

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

EtherCAT

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

Technical specification

3 Technical specification	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

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	Externa

Ordering information

Part number	4001 0004
Part name	KPA EtherCAT 4CAN Gateway

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
https://koenig-pa.de/

Contact
email: sales@koenig-pa.de
tel.: +49 9128 725 330
tel.: +49 9123 960 5796