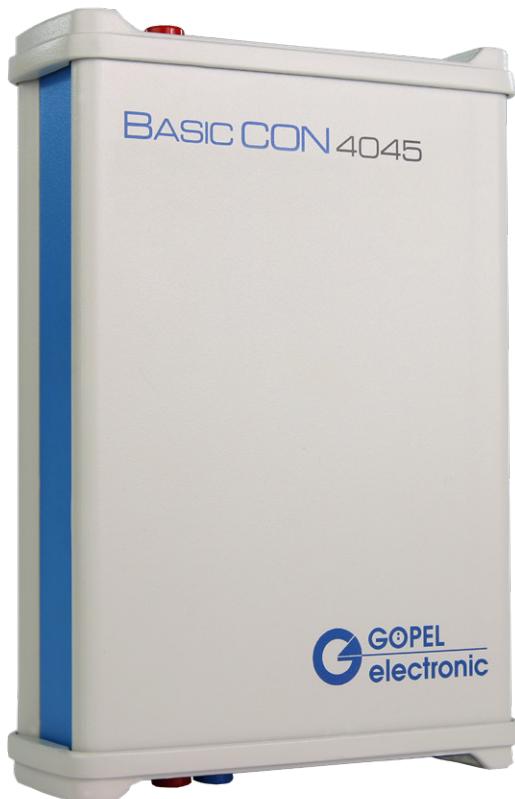




# Basic CON 4045

## 100Base-T1 stress module



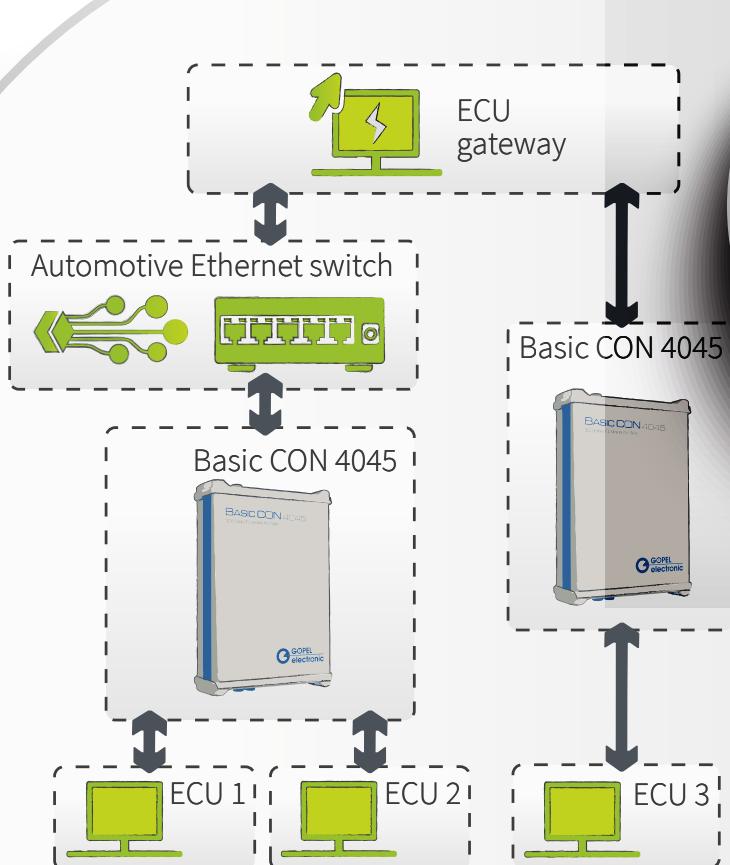
- specially developed for Automotive Ethernet applications
- realization of physical errors in 100Base-T1 Ethernet networks (100 MBit/s)
- two independent channels allow independent interference of two Ethernet links
- various stress possibilities
  - short-circuits between the bus lines or to the clamps
  - interruptions
  - attenuations
- support by the G API and for integration into user-specific solutions
- available with Ethernet and USB host interface

# Technical specifications

Basic CON 4045 – 100Base-T1 stress module

## Parameters

supported bus	100Base-T1 Automotive Ethernet
application	as stand-alone module or in test systems (e.g. networking test systems)
API	C, LabVIEW, user interface
channels	two independent channels
disturbances · data plus	interruptions
	short circuit with KL 30
	short circuit with KL 31
disturbances · data minus	interruptions
	short circuit with KL 30
	short circuit with KL 31
disturbances · general	short circuit data plus with data minus
	attenuations 3 dB
	attenuations 10 dB
host interface	Ethernet or USB



- physical disturbances of 100Base-T1 Automotive Ethernet networks (100 MBit/s)
- two different channels
- integrated in G API and therefore suitable for user-specific solutions

Basic CON 4045  
100Base-T1 stress module