



Basic CON 4055

CAN FD stress and trigger module



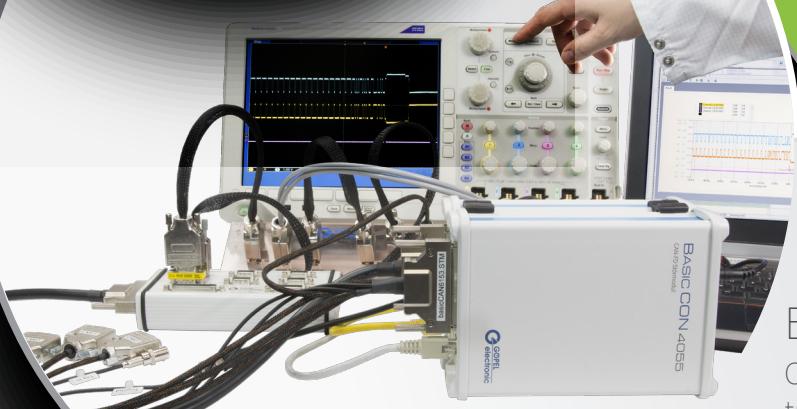
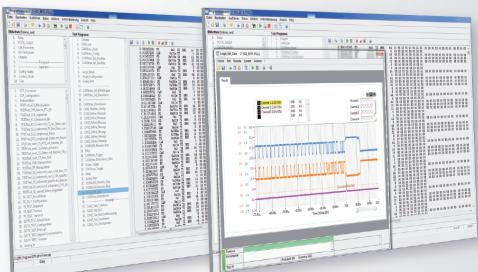
- stress and trigger functions for CAN and CAN FD
- new, for patent approval registered frame filter
 - automatic passthrough filter or
 - blocking filter
- frame trigger for ErrorFrames, SOF, ID, ESI and CRC-DEL
- extended frame trigger RBT (Receive Bit Trigger in Stuff count segment)
- various disturbing types, e.g. time, interval or endurance disturbance
- stress sequence output via selectable transceiver
- configurable trigger output for external resources
- programmable via G API or GUI
- integration into customer specific solutions possible

Technical specifications

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Parameters

support of CAN-FD	in compliance with ISO11898, CAN 2.0		
choice of transceiver	CAN highspeed, CAN lowspeed, CAN FD		
configurable trigger	250		
manipulatable frames	one	multiple	all
triggerable frames	one	multiple	all
manipulation / triggering	configurable on one of four ports		
activation of manipulation	via software	via trigger input	
application	as stand-alone module or in a test system (e.g. network test system)		
LabVIEW library	available		
ports	max. four CAN/CAN FD		
trigger	output	input	
Host interface	Ethernet		
PXI/PCI/USB interface	optional		



- FPGA based disturbance function
- manipulation of CRC delimiter
- triggering on error frames:
 - identifier
 - CRC delimiter
- G API support

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