GHM Messtechnik GmbH - Location IMTRON
Carl-Benz-Str. 11 ● D-88696 Owingen ● Germany
Fon +49(0)7551/9290-0 ● Fax -90
www.ghm-messtechnik.de ● vertrieb@imtrongmbh.de

CAN Interface

Characteristics

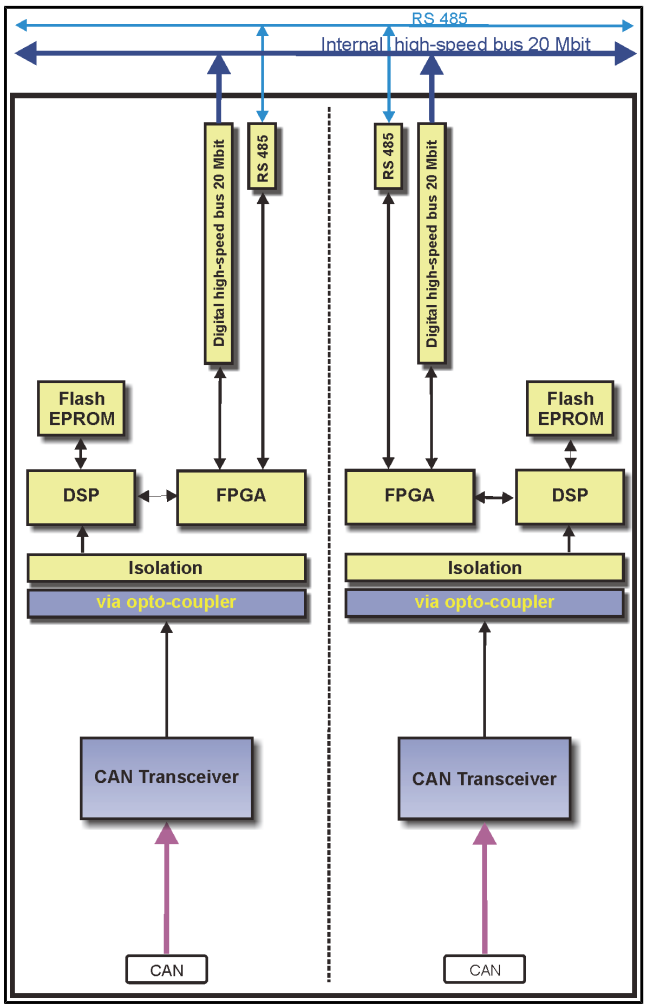
The ***CAN Interface Unit*** offers synchronous acquisition of CAN messages from a CAN bus. These data are put on the internal high-speed bus and are processed simultaneously with the other measurement data by the central unit. They can be handled further with an appropriate data acquisition software like DAQSoft or DASYLab (by using the DASYLab driver). Parameter setting is done with the software DaSoft.

The CAN-Interface can be used with both DASIM and SIQUAD systems.

Technical Data

CAN nodes	2, independent
Signals/node	24 at 16 bit (Dual Mode) 48 at 16 bit (Single Mode)
Signals/message	8
Data formats	Boolean (8 bit) Signed Char (8 bit) Unsigned Char (8 bit) Signed Integer (16 bit) Unsigned Integer (16 bit) Signed Long (32 bit) Unsigned Long (32 bit) Float (32 bit) Double (64 bit)
Transmission rates: CAN Low-Speed CAN High-Speed	 5 (only node A), 10, 20, 40, 50, 80, 100 kBaud 5 (only node A), 10, 20, 40, 50, 80, 100, 125, 250, 400, 500, 666, 800, 1000 kBaud
Sample rate	20 kHz
Digital output	SPI (internal)
Supply voltage.	+5 V / 310 mA
Environmental temperature	0..+50 °C

Block Diagram



Dimensions

19“ plug-in unit, 3 U height, 5 U width, depth 160 mm

Ordering Codes

DASIM-CAN-IF2

respectively

SIQUAD-CAN-IF2

	Model	
		CAN Interface, 2 CAN nodes