GEMAC fieldbus

GEMAC mbH · Zwickauer Str. 227 · 09116 Chemnitz, Deutschl…

company
street and no.

zip and city
country

The test was performed by:

Tester:	Ralf Meischner
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Date:	20.01.2017

TEST RESULTS

Segment overview

Bus system:	CAN
Designation:	
Baud rate:	1000 kBit/s

Online monitoring

Bus traffic load:	-
Active error frames:	-
Passive error frames:	-

Automatic evaluation

Crit. quality level:	60 %
Crit. DF voltage range:	1,60 V
Crit. edge rising:	14/64
Crit. edge falling:	28/64

List of stations

Station	*ID type*	*ID number (hex)*
Wago Master	standard	080
Inclination Sensor 1	standard	181
Inclination Sensor 2	standard	182
Inclination Sensor 3	standard	183
Inclination Sensor 4	standard	184

AV04060600 CV0000 FV0000 DS0000/DO00

List of measurements

Meas. type	Measuring point	Measurement date	Measurement time
	Standard measurement	-	-
	online monitor	20.01.2017	12:25:26
	single node measurement	20.01.2017	12:25:02
	all node measurement	20.01.2017	12:24:28

Disturbance-free voltage range and edges

Legend: NM - not measured, TO - timeout, cS - crit. disturbance-free voltage range, cQ - crit. quality level, crED - crit. rising edge, cfED - crit. falling edge

Measurement: single node measurement, 20.01.2017 12:25:02

Station	Quality level Min.		Max.	DF voltage range (V)	Edges	(in t_{Bit})	Evaluation
Wago Master	89 %	90 %	91 %	2,25	4/64	5/64	OK
Inclination Sensor 1	89 %	90 %	90 %	2,25	4/64	5/64	OK
Inclination Sensor 2	90 %	90 %	91 %	2,30	5/64	8/64	OK
Inclination Sensor 3	87 %	88 %	91 %	2,15	5/64	8/64	OK
Inclination Sensor 4	78 %	78 %	83 %	1,80	4/64	7/64	OK

Evaluation/remarks

here is room for some remarks

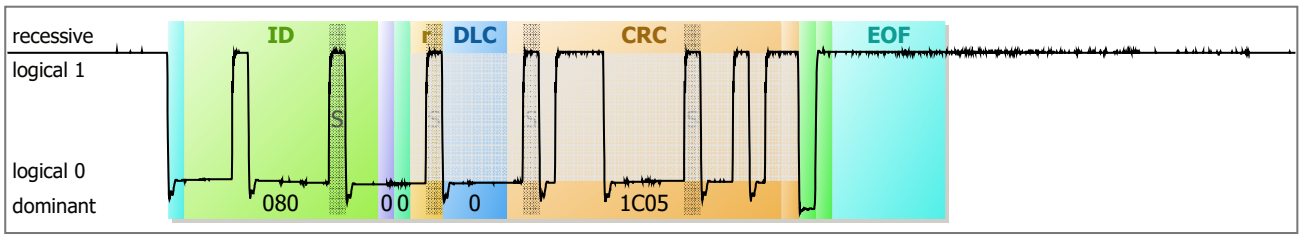
City *Date* *City* *Date*

Signature (company) *Signature (Ralf Meischner, GEMAC mbH)*

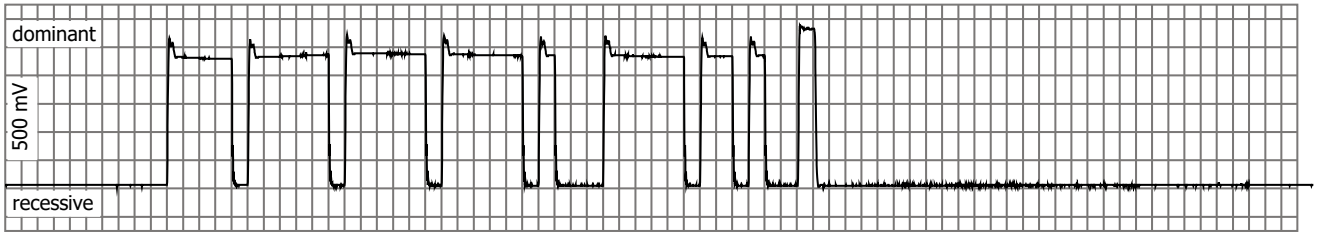
Graphics Oscilloscope

Measurement: single node measurement, 20.01.2017 12:25:02
Station: Wago Master, standard, 080

logical signal:

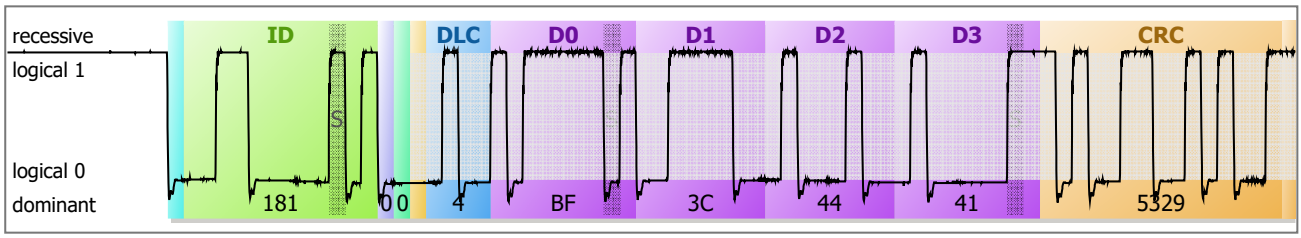


phys. signal:

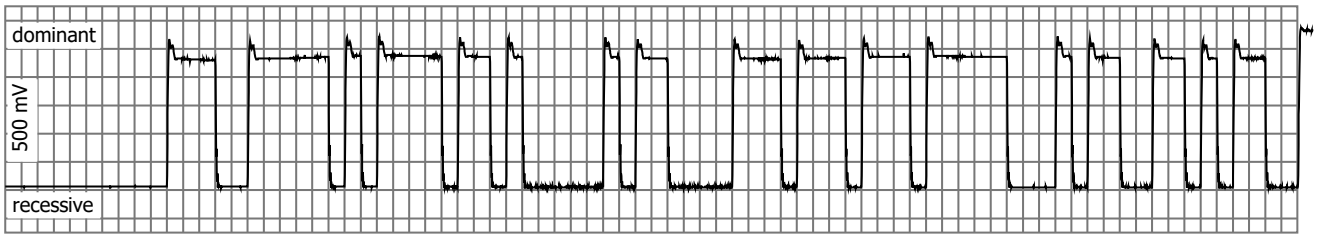


Measurement: single node measurement, 20.01.2017 12:25:02
Station: Inclination Sensor 1, standard, 181

logical signal:



phys. signal:



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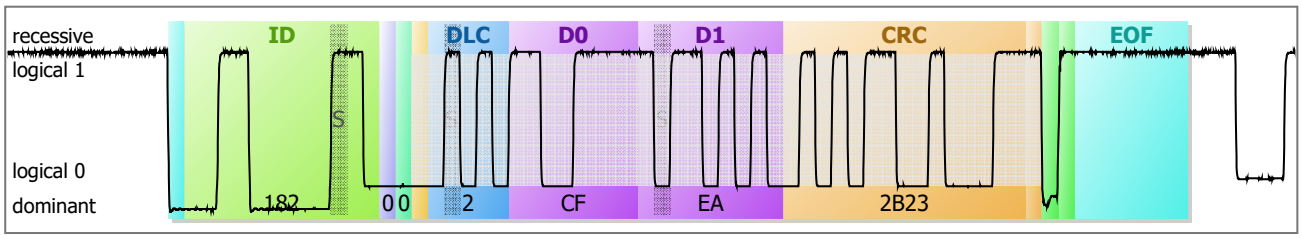
AV04060600 CV0000 FV0000 DS0000/DO00

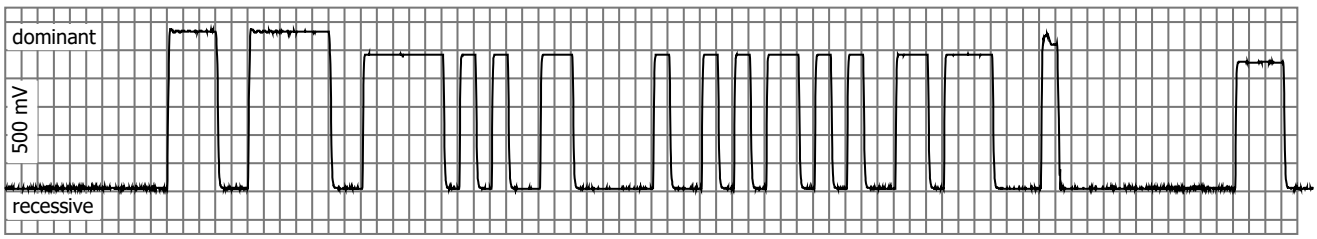
Graphics Oscilloscope (cont'd)

Measurement: single node measurement, 20.01.2017 12:25:02
Station: Inclination Sensor 2, standard, 182

logical signal:

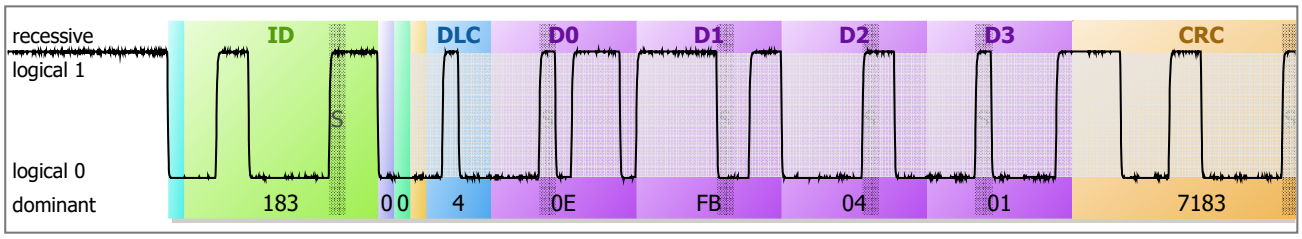


phys. signal:

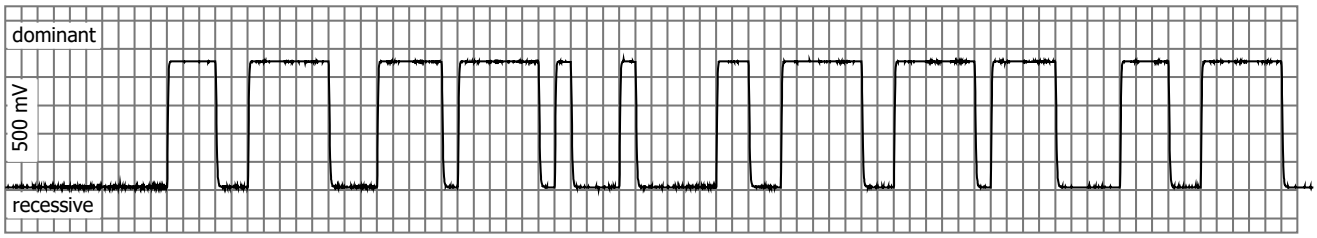


Measurement: single node measurement, 20.01.2017 12:25:02
Station: Inclination Sensor 3, standard, 183

logical signal:



phys. signal:



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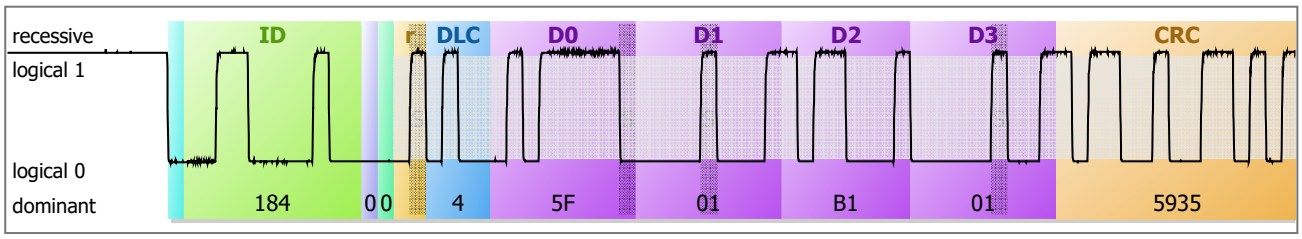
Graphics Oscilloscope (cont'd)

Measurement: single node measurement, 20.01.2017 12:25:02
Station: Inclination Sensor 4, standard, 184

logical signal:



phys. signal: