GEMAC fieldbus

CANopen

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

company
street and no.

sip and city
country

The test was performed by:

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Date:	20.01.2017

TEST RESULTS

Segment overview

Bus system:	CANopen
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 (dec)*
Wago CANopen Master	standard	SG
Inclination Sensor 1	standard	1
Inclination Sensor 2	standard	2
Inclination Sensor 3	standard	3
Inclination Sensor 4	standard	4

AV04060600 CV0408 FV0167 DS0000/DO00

List of measurements

Meas. type	Measuring point	Measurement date	Measurement time
	Standard measurement	-	-
	online monitor	20.01.2017	12:15:24
	all nodes measurement	20.01.2017	12:14:58
	single node measurements	20.01.2017	12:14:13

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 measurements, 20.01.2017 12:14:13

Station	Quality level Min.		Max.	DF voltage range (V)	Edges ⌐	Edges (in t_{Bit}) ¬	Evaluation
Wago CANopen Master	89 %	89 %	91 %	2,20	4/64	5/64	OK
Inclination Sensor 1	88 %	89 %	89 %	2,20	4/64	4/64	OK
Inclination Sensor 2	90 %	91 %	91 %	2,35	4/64	7/64	OK
Inclination Sensor 3	88 %	89 %	91 %	2,15	4/64	8/64	OK
Inclination Sensor 4	80 %	82 %	82 %	1,85	4/64	6/64	OK

Evaluation/remarks

here is some room for remarks

City *Date* *City* *Date*

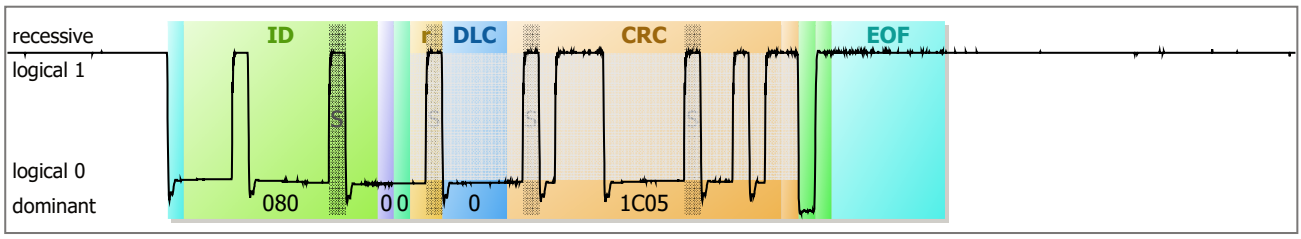
Signature (company) *Signature (Ralf Meischner, GEMAC mbH)*

AV04060600 CV0408 FV0167 DS0000/DO00

Graphics Oscilloscope

Measurement: single node measurements, 20.01.2017 12:14:13
Station: Wago CANopen Master, standard, SG

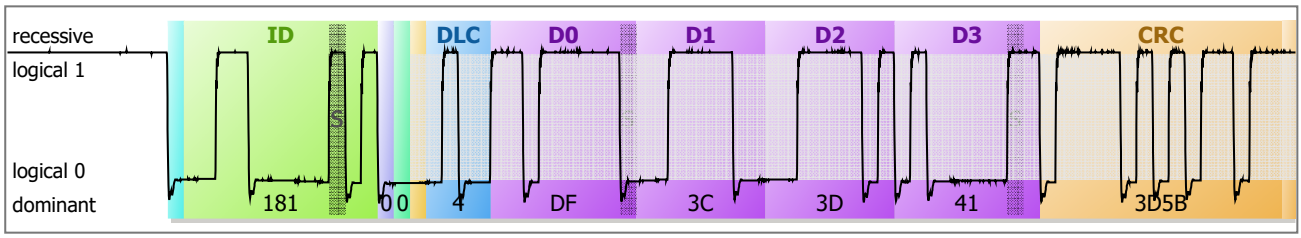
logical signal:



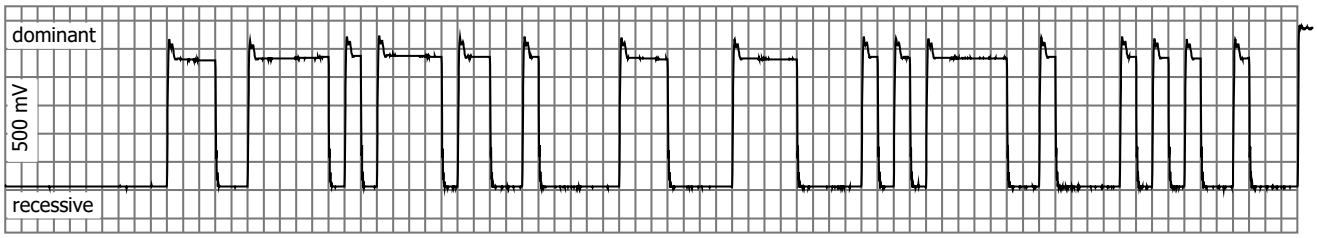
phys. signal:

Measurement: single node measurements, 20.01.2017 12:14:13
Station: Inclination Sensor 1, standard, 1

logical signal:



phys. signal:

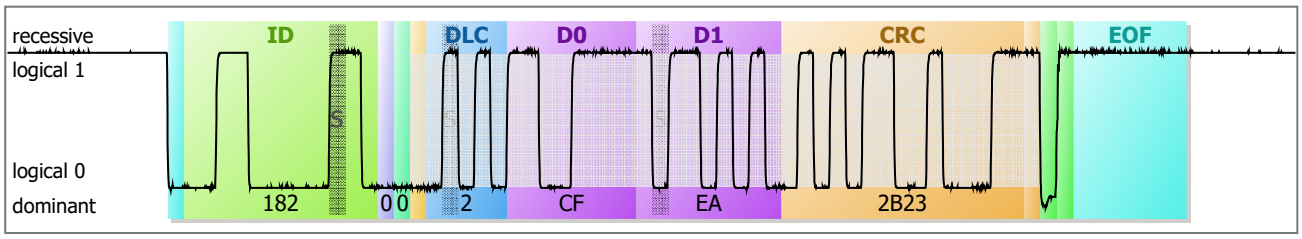


Continued on page 4

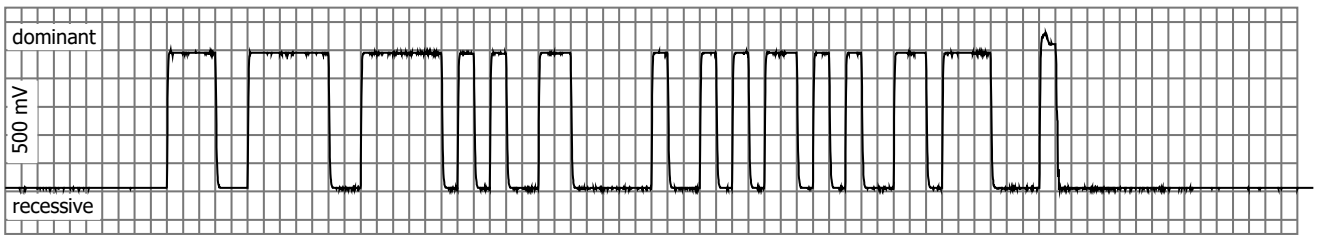
Graphics Oscilloscope (cont'd)

Measurement: single node measurements, 20.01.2017 12:14:13
Station: Inclination Sensor 2, standard, 2

logical signal:

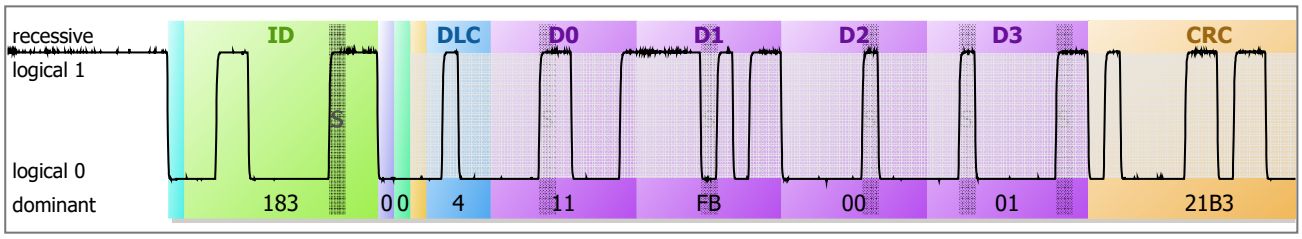


phys. signal:

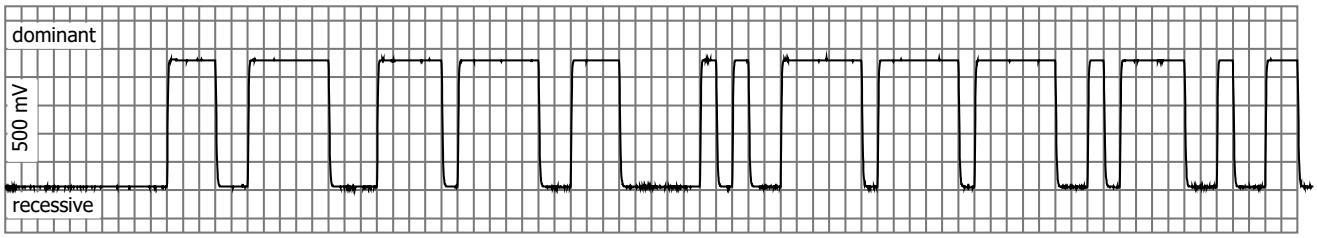


Measurement: single node measurements, 20.01.2017 12:14:13
Station: Inclination Sensor 3, standard, 3

logical signal:



phys. signal:



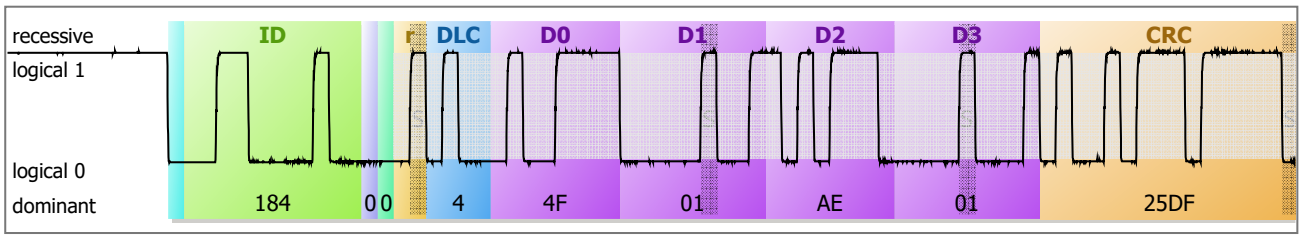
Continued on page 5

AV04060600 CV0408 FV0167 DS0000/DO00

Graphics Oscilloscope (cont'd)

Measurement: single node measurements, 20.01.2017 12:14:13
Station: Inclination Sensor 4, standard, 4

logical signal:



phys. signal: