

Device Report for All Devices



Name:

Department:

Company:

Address:

Telephone:

Email:

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\Network Topology\CDI Communication FXA291

Created by:	Administrator
Created on:	25/11/2013 15:37:15
Plant tag:	-
Device address:	-
Device tag:	CDI Communication FXA291
Device type:	CDI Communication FXA291
Manufacturer:	Endress+Hauser
Type class:	
Serial number:	
Version:	2.01.00

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**\Network Topology\CDI Communication FXA291\Micropilot / FMR5x / HART / FW 1.00.zz / Dev.Rev. 1**

**Created by:** Administrator

**Created on:** 25/11/2013 15:37:19

**Plant tag:** Micropilot / FMR5x / HART /  
FW 1.00.zz / Dev.Rev. 1

**Device address:** 0

**Device tag:** Micropilot / FMR5x / HART /  
FW 1.00.zz / Dev.Rev. 1

**Device type:** Micropilot / FMR5x / HART /  
FW 1.00.zz / Dev.Rev. 1

**Manufacturer:**

**Type class:** Level

**Serial number:** AAAAAFAFFF

**Version:** 1.0.0.375

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Offline Parameterize

Micropilot 5x

Micropilot 5x

Parameter	Value
Device	Please select
Output	Please select
Access status tooling	Maintenance

Setup

Basic setup

Parameter	Value
Device tag	FMR5x
Distance unit (2)	m

Level

Parameter	Value
Tank type (13)	Process vessel standard
Medium group	Others (DC > 1.9)
Empty calibration (3)	10.0000 m
Full calibration (4)	3.5000 m
Level (7)	0.0000 m
Distance (9)	0.0000 m
Signal quality	Strong

Mapping

Parameter	Value
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Distance (9)	0.0000 m
Confirm distance (11)	(c) Distance unknown
Present mapping (58)	0.0000 m

## Advanced setup

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## Advanced setup

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Parameter	Value
Locking status	
Access status tooling	Maintenance
Enter access code	0

## Level

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## Level

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Parameter	Value
Medium type	Liquid
Medium property	DC 4 ... 7
Max. filling speed liquid	Standard < 1m (40in) /min
Max. draining speed liquid	Standard < 1m (40in) /min
Advanced process conditions	None
Level unit (18)	m
Blocking distance (19)	0.0000 m
Level correction (20)	0.0000 m
Tank/silo height	10.0000 m

## Linearization

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## Linearization

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Parameter	Value
Linearization type	Table
Unit after linearization (21)	l
Level linearized	0.0000 l

## Sphere

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**Angled bottom**

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**Horizontal cylinder**

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**Conical/pyramid bottom**

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**Table**

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Parameter	Value
Table mode	Manual
Table number (24)	1
Activate table	Enable

**Linear**

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**Safety settings**

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**Safety settings**

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Parameter	Value
Output echo lost (27)	(a) Last valid value
Blocking distance (19)	0.0000 m

**Current output 1**

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Current output 1

Parameter	Value
Assign current output	Level linearized
Current span (32)	(b) 4...20 mA NAMUR
Damping	0.0 s
Failure mode (34)	(b) Max.
Output current 1	3.59 mA

Current output 2

Current output 2

Switch output

Switch output

Display

Display 1

Parameter	Value
Language	English
Format display (1)	(a) 1 value, max. size
Value 1 display	Level linearized
Decimal places 1	x.xx
Value 2 display	None
Decimal places 2	x.xx
Value 3 display	None
Decimal places 3	x.xx
Value 4 display	None
Decimal places 4	x.xx

Display 2

Parameter	Value
Display interval (36)	5 s
Display damping	0.0 s
Header (38)	Device tag
Separator	.
Number format (37)	Decimal
Decimal places menu	x.xxxx
Contrast display	30 %

Configuration backup display

Configuration backup display

Parameter	Value
Operating time	
Last backup	
Backup state	None
Comparison result (40)	Check not done

Administration

Administration

Parameter	Value
Define access code	0

Diagnostics

Diagnostics

Parameter	Value
Actual diagnostics	-----
Timestamp	
Previous diagnostics	-----



Timestamp	
Operating time from restart	
Operating time	

## Diagnostic list

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## Diagnostic list

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Parameter	Value
Diagnostics 1	-----
Timestamp	
Diagnostics 2	-----
Timestamp	
Diagnostics 3	-----
Timestamp	
Diagnostics 4	-----
Timestamp	
Diagnostics 5	-----
Timestamp	

## Device information

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## Device information 1

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Parameter	Value
Device tag	FMR5x
Serial number	AAFFFFAAFF
Firmware version	01.00.00
Device name	FMR5x
Order code	- none -

## Extended order code

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Parameter	Value
Extended order code 1	-----
Extended order code 2	-----
Extended order code 3	-----

## Device information 2

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Parameter	Value
Device revision	0x1

Device ID	0x1e240
Device type	0x28
Manufacturer ID	0x11

Data logging

Data logging

Parameter	Value
Assign channel 1 (41)	Electronic temperature
Assign channel 2 (42)	Level linearized
Assign channel 3 (43)	Distance
Assign channel 4 (44)	Terminal voltage
Logging interval	10.0 s

Simulation

Simulation 1

Parameter	Value
Assign measurement variable (45)	Off

Simulation 2

Parameter	Value
Simulation current output 1 (46)	Off

Simulation 3

Simulation 4

Parameter	Value
Simulation device alarm	Off

Device check

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Device check

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Parameter	Value
Start device check	No
Result device check	Check not done
Last check time	

Expert

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Expert

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Parameter	Value
Locking status	
Access status display	Operator
Access status tooling	Maintenance
Enter access code	0

System

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Display

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Display 1

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Parameter	Value
Language	English
Format display (1)	(a) 1 value, max. size
Value 1 display	Level linearized
Decimal places 1	x.xx
Value 2 display	None
Decimal places 2	x.xx
Value 3 display	None
Decimal places 3	x.xx
Value 4 display	None

Decimal places 4	x.xx
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Display 2

Parameter	Value
Display interval (36)	5 s
Display damping	0.0 s
Header (38)	Device tag
Separator	.
Number format (37)	Decimal
Decimal places menu	x.xxxx
Contrast display	30 %
Access status display	Operator

Configuration backup display

Configuration backup display

Parameter	Value
Operating time	
Last backup	
Backup state	None
Comparison result (40)	Check not done

Administration

Administration

Parameter	Value
Define access code	0
Activate SW option	3550001

Sensor

Sensor

Parameter	Value
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Distance unit (2)	m
Temperature unit	°C
Tank type (13)	Process vessel standard
Max. filling speed liquid	Standard < 1m (40in) /min
Max. draining speed liquid	Standard < 1m (40in) /min
Advanced process conditions	None

Medium

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Medium

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Parameter	Value
Medium type	Liquid
Medium group	Others (DC > 1.9)
Medium property	DC 4 ... 7
Calculated DC value	2.00

Level

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Level 1

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Parameter	Value
Distance offset	0.0000 m
Distance (49)	0.0000 m
Empty calibration (3)	10.0000 m
Full calibration (4)	3.5000 m
Level unit (18)	m

Level 2

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Parameter	Value
Level limit mode	Low limit
Low limit	0.0000 m
Level correction (20)	0.0000 m
Output mode	Level linearized

Level 3

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Parameter	Value
Level (7)	0.0000 m
Level linearized	0.0000 l
Tank/silo height	10.0000 m

Linearization

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Linearization

---

Parameter	Value
Linearization type	Table
Unit after linearization (21)	l
Level linearized	0.0000 l

Sphere

---

Angled bottom

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Horizontal cylinder

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Conical/pyramid bottom

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Table

---

Parameter	Value
Table mode	Manual
Table number (24)	1
Activate table	Enable

Linear

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Information

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Information 1

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Parameter	Value
Signal quality	Strong
Absolute echo amplitude	0 dB
Relative echo amplitude	0 dB
Tank bottom echo amplitude	0 dB

Information 2

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Parameter	Value
Found echoes	None
Used calculation	None
Tank trace state	Not active
Measurement frequency	3.62 Hz
Electronic temperature	-150.0 °C

Sensor properties

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Sensor properties 1

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Parameter	Value
Sensor module	SMR26S
Free field special	No

Distance

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Distance 1

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Parameter	Value
Distance (9)	0.0000 m

Distance 2

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Parameter	Value
Dead time	1 s
Integration time	5.00 s

Distance 3

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Parameter	Value
Blocking distance (19)	0.0000 m

Gas phase compensation

Gas phase compensation

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Parameter	Value
GPC mode	Off

Sensor diagnostics

Sensor diagnostics 1

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Parameter	Value
Start self check	No
Result self check	Unknown
Noise of signal	0.00 dB

Safety settings

Safety settings 1

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Parameter	Value
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Output echo lost (27)	(a) Last valid value
Delay time echo lost (62)	60.0 s

## Safety settings 2

Parameter	Value
Safety distance	0.0000 m
In safety distance	Warning

## Mapping

### Mapping 1

Parameter	Value
Distance (9)	0.0000 m
Confirm distance (11)	(c) Distance unknown
Present mapping (58)	0.0000 m

### Tank bottom evaluation

### Tank bottom evaluation

Parameter	Value
Tank bottom range	15.0000 m

### Echo tracking

### Echo tracking

Parameter	Value
Evaluation mode	Long time history
History reset	Reset done

## Output

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**Current output 1**

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**Current output 1-1**

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Parameter	Value
Assign current output	Level linearized
Current span (32)	(b) 4...20 mA NAMUR
Damping	0.0 s
System damping	0.0 s
Output current 1	3.59 mA
Failure mode (34)	(b) Max.

**Current output 1-2**

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Parameter	Value
Turn down	Off
Measuring mode	Standard

**Current output 1-3**

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Parameter	Value
Start-up mode	Min.
Measured current 1	0.00 mA
Terminal voltage 1	0.0 V

**Current output 2**

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**Current output 2-1**

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**Current output 2-2**

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Switch output

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Switch output

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Communication

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Configuration

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Configuration

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Parameter	Value
Burst mode	Off
Burst command	Command 2
HART address	0
No. of preambles	5
HART short tag	SHORTTAG
Device tag	FMR5x

Information

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HART info

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Parameter	Value
Device revision	0x1
Device ID	0x1e240
Device type	0x28
Manufacturer ID	0x11
HART revision	6
HART descriptor	FMR5X
HART message	FMR5X
HART date code	2009-07-20
Hardware revision	1
Software revision	1

Output

HART output

Parameter	Value
Assign PV	Level linearized
Primary variable (PV)	0.000 l
Assign SV	Distance
Secondary variable (SV)	0.000 m
Assign TV	Absolute echo amplitude
Tertiary variable (TV)	-150.000 dB
Assign QV	Relative echo amplitude
Quaternary variable (QV)	-150.000 dB

Diagnostics

Diagnostics

Parameter	Value
Actual diagnostics	-----
Timestamp	
Previous diagnostics	-----
Timestamp	
Operating time from restart	
Operating time	

Diagnostic list

Diagnostic list

Parameter	Value
Diagnostics 1	-----
Timestamp	
Diagnostics 2	-----
Timestamp	
Diagnostics 3	-----
Timestamp	
Diagnostics 4	-----
Timestamp	
Diagnostics 5	-----
Timestamp	

Device information

Device information

Parameter	Value
Device tag	FMR5x
Serial number	AAFFFFAAFF
Firmware version	01.00.00
Device name	FMR5x
Order code	- none -
ENP version	2.02.00

Extended order code

Parameter	Value
Extended order code 1	-----
Extended order code 2	-----
Extended order code 3	-----

Data logging

Data logging

Parameter	Value
Assign channel 1 (41)	Electronic temperature
Assign channel 2 (42)	Level linearized
Assign channel 3 (43)	Distance
Assign channel 4 (44)	Terminal voltage
Logging interval	10.0 s

Min/max values

Min/max values 1

Parameter	Value
Max. level value	-9999999.0000 l

Time max. level	
Min. level value	9999999.0000 l
Time min. level	
Max. draining speed	0.0 %/min
Max. filling speed	0.0 %/min
Reset min./max.	None

## Min/max values 4

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Parameter	Value
Max. electronics temperature	-150.0 °C
Time max. electronics temperature	
Min. electronics temperature	200.0 °C
Time min. electronics temperature	
Reset min./max. temp.	None

## Simulation

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### Simulation 1

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Parameter	Value
Assign measurement variable (45)	Off

### Simulation 2

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Parameter	Value
Simulation current output 1 (46)	Off

### Simulation 3

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### Simulation 4

---

Parameter	Value
Simulation device alarm	Off

## Device check

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Device check

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Parameter	Value
Start device check	No
Result device check	Check not done
Last check time	
Area of incoupling	0

Advanced diagnostics 1

Advanced diagnostics 1-1

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Parameter	Value
Assign diagnostic signal 1 (74)	None
Link AD1 to (75)	None

Advanced diagnostics 1-2

Advanced diagnostics 1-3

Advanced diagnostics 1-4

Advanced diagnostics 2

Advanced diagnostics 2-1

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Parameter	Value
Assign diagnostic signal 2 (74)	None
Link AD2 to (75)	None

Advanced diagnostics 2-2

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Advanced diagnostics 2-3

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Advanced diagnostics 2-4

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Envelope diagnostics

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Envelope diagnostics

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Parameter	Value
Save reference curve	No
Time reference curve	

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