

Example of working with FieldMate

How to modify the range setting (Upper range value) of device with FieldMate

CONNECTING TO A DEVICE

Device is connected and communicated with FieldMate.

CONFIRMATION AND BACKUP

The device information is confirmed and backup.

CONFIGURATION

The range setting (Upper range value) of device is modified.

CONFIRMATION

Modified data and device status are confirmed

REPORTING

FieldMate supports to generate the report.



Go to next page



SUMMARY

CONNECTING TO A DEVICE

CONFIRMATION AND BACKUP

CONFIGURATION

CONFIRMATION

REPORTING

Device is connected and communicated with FieldMate.



SUMMARY

CONNECTING
TO A DEVICE

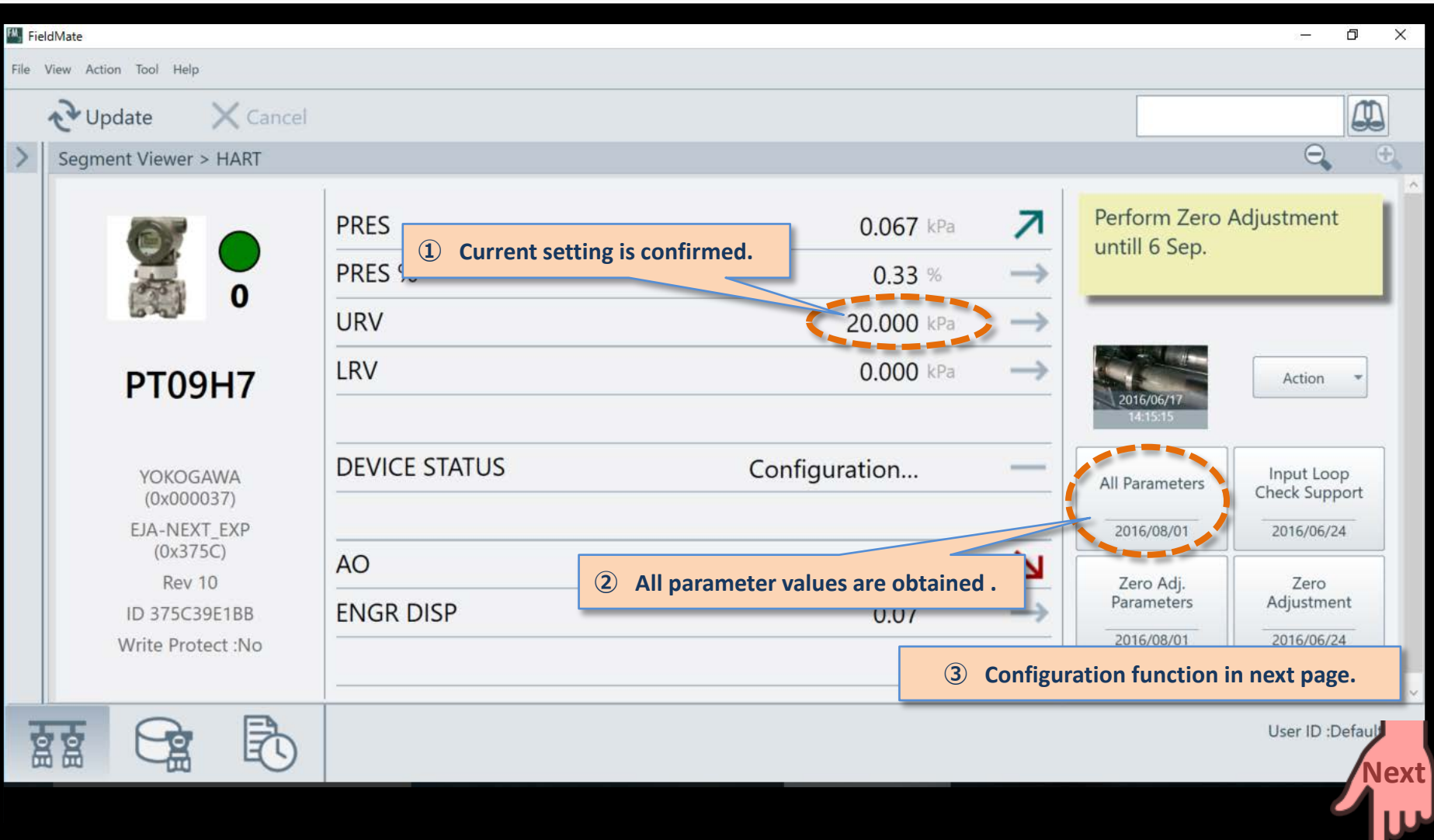
CONFIRMATION
AND BACKUP

CONFIGURATION

CONFIRMATION

REPORTING

Upper range setting is changed to “25kPa” from “20kPa” .



FieldMate

File View Action Tool Help

Update Cancel

Segment Viewer > HART

PT09H7

YOKOGAWA (0x000037)
EJA-NEXT_EXP (0x375C)
Rev 10
ID 375C39E1BB
Write Protect :No

PRES	0.067 kPa	↗
PRES S	0.33 %	→
URV	20.000 kPa	→
LRV	0.000 kPa	→
DEVICE STATUS	Configuration...	—
AO		↘
ENGR DISP	0.07	→

Perform Zero Adjustment until 6 Sep.

2016/06/17 14:15:15

Action

All Parameters
2016/08/01

Input Loop Check Support
2016/06/24

Zero Adj. Parameters
2016/08/01

Zero Adjustment
2016/06/24

① Current setting is confirmed.

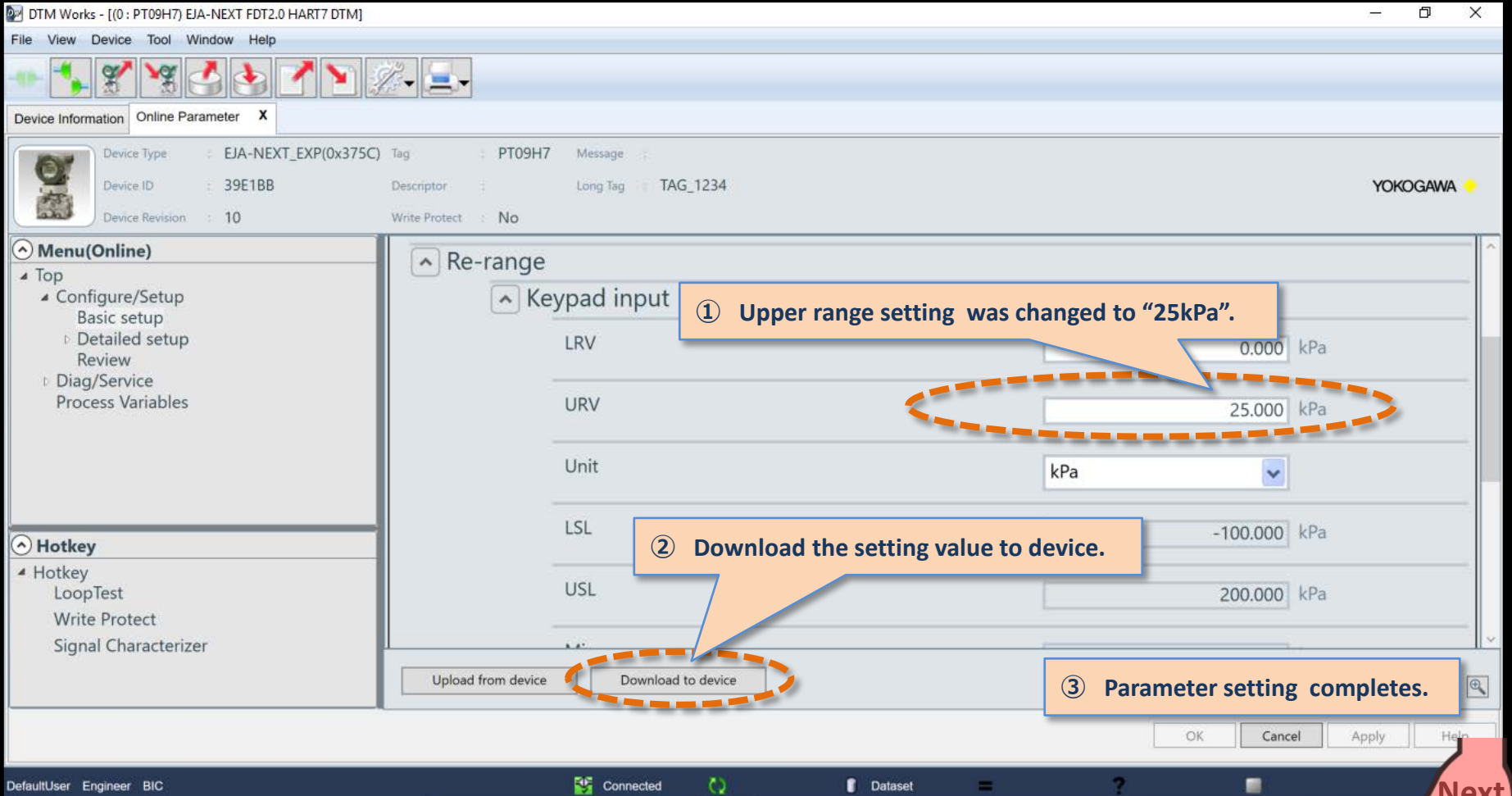
② All parameter values are obtained .

③ Configuration function in next page.

User ID :Default

Next

**Configuration function is opened.
Target parameter is changed and then download to device.**




DTM Works - [(0 : PT09H7) EJA-NEXT FDT2.0 HART7 DTM]

File View Device Tool Window Help

Device Information Online Parameter X

Device Type : EJA-NEXT_EXP(0x375C) Tag : PT09H7 Message :
Device ID : 39E1BB Descriptor : Long Tag : TAG_1234
Device Revision : 10 Write Protect : No

YOKOGAWA 

Menu(Online)

- Top
 - Configure/Setup
 - Basic setup
 - Detailed setup
 - Review
 - Diag/Service
 - Process Variables

Hotkey

- Hotkey
 - LoopTest
 - Write Protect
 - Signal Characterizer

Re-range

Keypad input

LRV 0.000 kPa

URV 25.000 kPa

Unit kPa

LSL -100.000 kPa

USL 200.000 kPa

Upload from device Download to device

OK Cancel Apply Help

DefaultUser Engineer BIC Connected Dataset

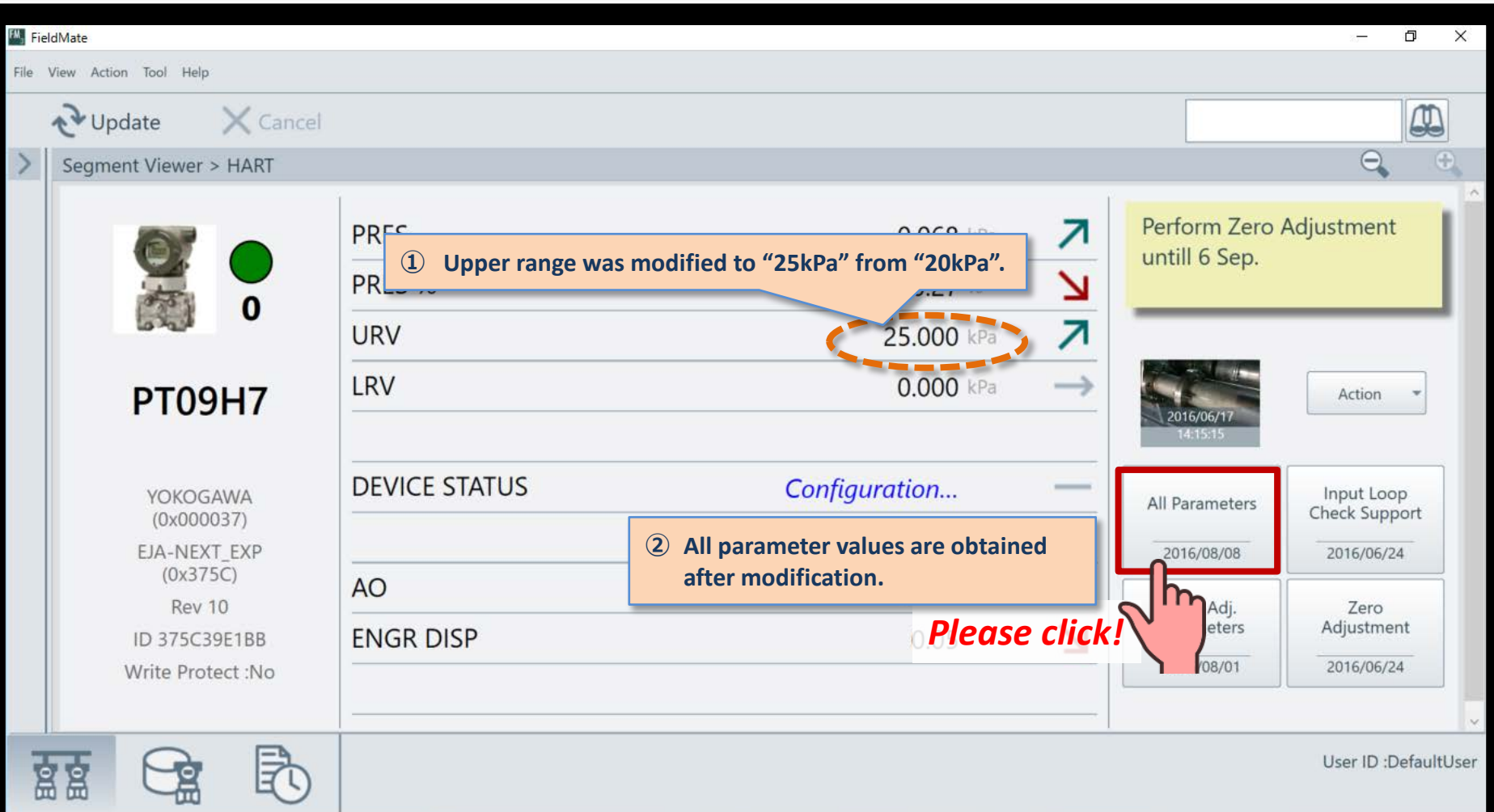
① Upper range setting was changed to "25kPa".

② Download the setting value to device.

③ Parameter setting completes.

Next

Confirmation the target parameter changed.



FieldMate

File View Action Tool Help

Update Cancel

Segment Viewer > HART

PT09H7

YOKOGAWA (0x000037)
EJA-NEXT_EXP (0x375C)
Rev 10
ID 375C39E1BB
Write Protect :No

PREC 0.000 kPa
URV 25.000 kPa
LRV 0.000 kPa

DEVICE STATUS Configuration...

AO
ENGR DISP

Perform Zero Adjustment until 6 Sep.

All Parameters 2016/08/08

Input Loop Check Support 2016/06/24

Zero Adjustment 2016/06/24

Adj. eters 2016/08/01

Please click!

User ID :DefaultUser

All parameter values are obtained after modification.

FieldMate

File View Action Tool Help

Update Cancel

Segment Viewer > HART

PRES
PRES %
URV
LRV
DEVICE S
AO
ENGR DI

PT09H7

YOKOGAWA
(0x000037)
EJA-NEXT_EXP
(0x375C)
Rev 10
ID 375C39E1BB
Write Protect :No

Export

Text Web Browser Table Template

Name	Value	Unit
Pres	0.065	kPa
Pres %	0.26	%
AO	4.042	mA
SP	0.0000	MPa
SP %	0.0	%
Snsr temp	27	degC
Engr Disp	0.05	
Engr exp	x1	
Engr Unit	kPa	
Pres Data Quality	Good	
Pres Limit Status	Not limited	
SP Data Quality	Good	
SP Limit Status	Not limited	

2016/08/08 9:12:20

Compare Close

Perform Zero Adjustment until 6 Sep.

2016/06/17 14:15:15

Action

All Parameters Input Loop Check Support

Parameters Adjustment

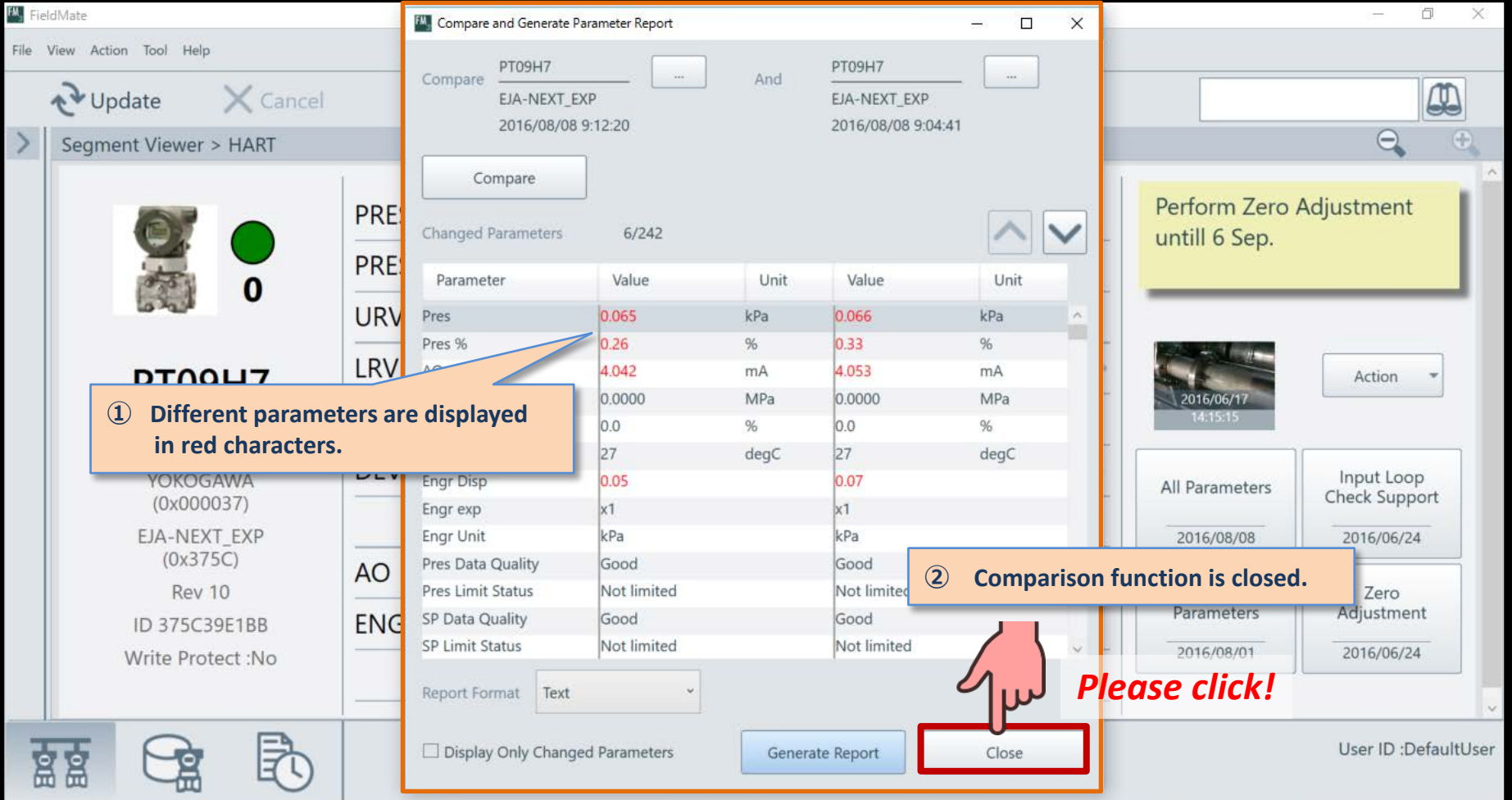
2016/08/01 2016/06/24

User ID :DefaultUser

① The results of configuration are confirmed with comparison function.

Please click!

The results of configuration are confirmed by comparing parameters.



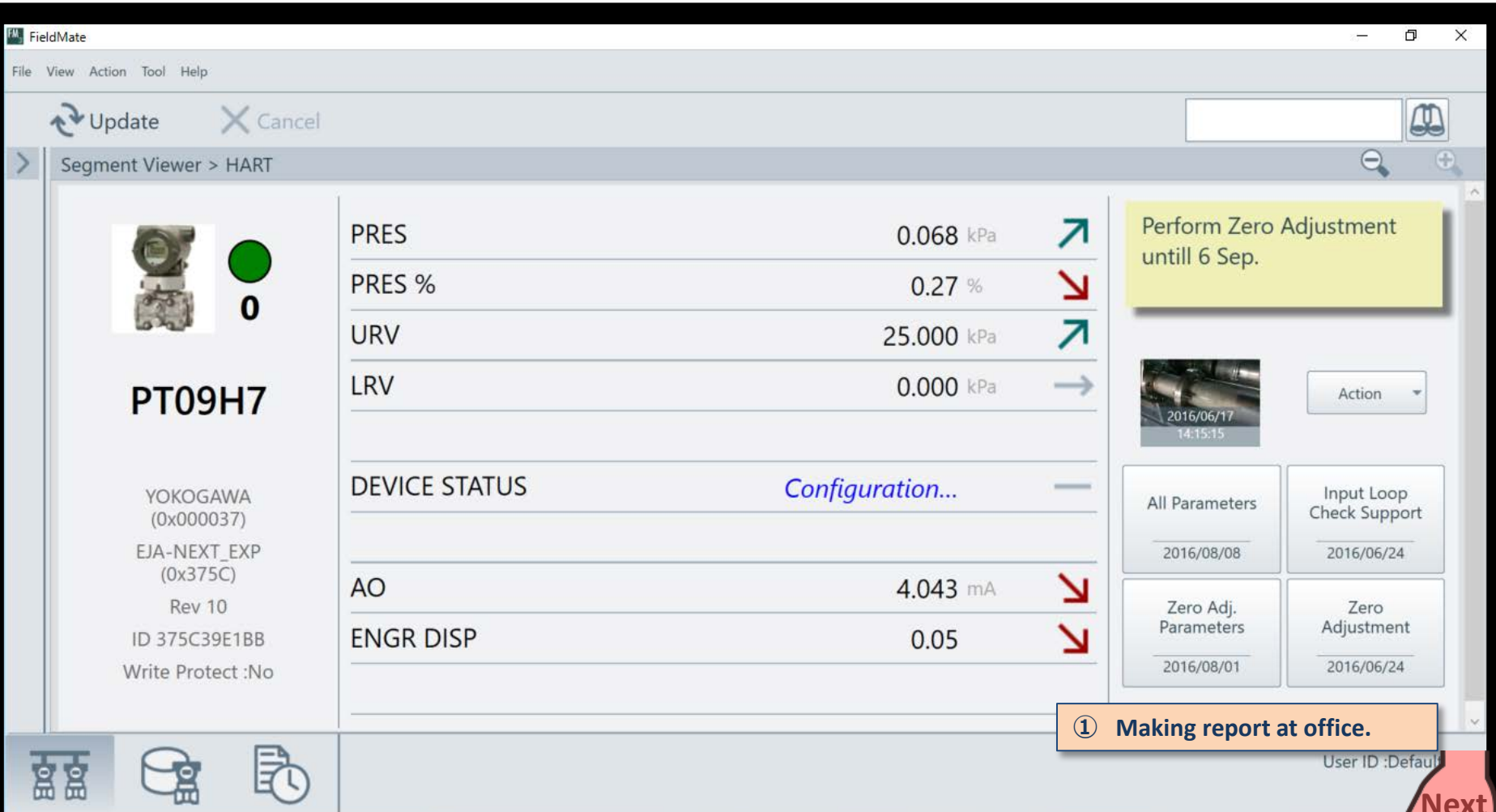
① Different parameters are displayed in red characters.

Parameter	Value	Unit	Value	Unit
Pres	0.065	kPa	0.066	kPa
Pres %	0.26	%	0.33	%
Engr Unit	4.042	mA	4.053	mA
Engr exp	0.0000	MPa	0.0000	MPa
Engr Disp	0.0	%	0.0	%
Engr Unit	27	degC	27	degC
Engr exp	0.05	x1	0.07	x1
Engr Unit	kPa	kPa	kPa	kPa
Pres Data Quality	Good	Good	Good	Good
Pres Limit Status	Not limited	Not limited	Not limited	Not limited
SP Data Quality	Good	Good	Good	Good
SP Limit Status	Not limited	Not limited	Not limited	Not limited

② Comparison function is closed.

Please click!

Site work is finished





FieldMate

File View Action Tool Help

Update Cancel

Segment Viewer > HART

 PT09H7 YOKOGAWA (0x000037) EJA-NEXT_EXP (0x375C) Rev 10 ID 375C39E1BB Write Protect :No	<table border="1"><tr><td>PRES</td><td>0.068 kPa</td><td>↗</td></tr><tr><td>PRES %</td><td>0.27 %</td><td>↘</td></tr><tr><td>URV</td><td>25.000 kPa</td><td>↗</td></tr><tr><td>LRV</td><td>0.000 kPa</td><td>→</td></tr><tr><td>DEVICE STATUS</td><td><i>Configuration...</i></td><td>—</td></tr><tr><td>AO</td><td>4.043 mA</td><td>↘</td></tr><tr><td>ENGR DISP</td><td>0.05</td><td>↘</td></tr></table>	PRES	0.068 kPa	↗	PRES %	0.27 %	↘	URV	25.000 kPa	↗	LRV	0.000 kPa	→	DEVICE STATUS	<i>Configuration...</i>	—	AO	4.043 mA	↘	ENGR DISP	0.05	↘	<p>Perform Zero Adjustment until 6 Sep.</p>  <p>2016/06/17 14:15:15</p> <p>Action</p> <table border="1"><tr><td>All Parameters</td><td>Input Loop Check Support</td></tr><tr><td>2016/08/08</td><td>2016/06/24</td></tr><tr><td>Zero Adj. Parameters</td><td>Zero Adjustment</td></tr><tr><td>2016/08/01</td><td>2016/06/24</td></tr></table>	All Parameters	Input Loop Check Support	2016/08/08	2016/06/24	Zero Adj. Parameters	Zero Adjustment	2016/08/01	2016/06/24
PRES	0.068 kPa	↗																													
PRES %	0.27 %	↘																													
URV	25.000 kPa	↗																													
LRV	0.000 kPa	→																													
DEVICE STATUS	<i>Configuration...</i>	—																													
AO	4.043 mA	↘																													
ENGR DISP	0.05	↘																													
All Parameters	Input Loop Check Support																														
2016/08/08	2016/06/24																														
Zero Adj. Parameters	Zero Adjustment																														
2016/08/01	2016/06/24																														

① Making report at office.

User ID :Default

Next

SUMMARY

CONNECTING TO A DEVICE

CONFIRMATION AND BACKUP

CONFIGURATION

CONFIRMATION

REPORTING

You can make a report easily by obtained device parameters.

Report is generated based on your format.

Export

Text Web Browser Table **Template**

Name	Value	Unit
Pres	0.065	kPa
Pres %	0.26	%
AO	4.042	mA
SP	0.0000	MPa
SP %	0.0	%
Snsr temp	27	degC
Engr Disp	0.05	
Engr exp	x1	
Engr Unit	kPa	
Pres Data Quality	Good	
Pres Limit Status	Not limited	
SP Data Quality	Good	
SP Limit Status	Not limited	

2016/08/08 9:12:20

Compare Close

Inspection Report

Tag name	PI09H7		
Model	EJA530 A EJA530J-JA52N-015DL/A/N4AAA Style : 1.00		
Loop name	Tower 1		
Serial no.	91S223457	Lot no.	Inspection Date 8 Aug. 2016

INSPECTED BY	DATE	APPROVED BY	DATE
--------------	------	-------------	------

Process variables

Pressure value Pres	0.065kPa
Pressure value in % Pres %	0.26%
Loop current value AO	4.042mA
User scaled value Engr Disp	0.05
User set engineering unit Engr Unit	kPa
Static pressure value SP	0.0000MPa
Static pressure value in %	0.0%

Units

Pressure, Differential pressure unit Unit	kPa
Static pressure unit SP Unit	MPa
Temperature unit Temp Unit	degC

DP Range

Lower range value for pressure LRV	0.000kPa
Upper range value for pressure URV	
Lower sens	

Thank you for your attention.

Return to start page

