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Chapter 8: Factory Page



Navigating the Factory Page

To go to the Factory Page from the Home Page, press and hold both the Advance and Infinity keys for six seconds.

- Press the Advance Key to enter the menu of choice.
- If a submenu exists (more than one instance), press the Up or Down key to select and then press the Advance Key to enter.

- Press the Up or Down key to move through available menu prompts.
- Press the Infinity Key to move backwards through the levels: parameter to submenu; submenu to menu; menu to Home Page.
- Press and hold the Infinity Key for two seconds to return to the Home Page.


Note:

Some of these menus and parameters may not appear, depending on the controller's options. See model number information in the Appendix for more information. If there is only one instance of a menu, no submenus will appear.

- [USET]**
[FCTY] Custom Setup Menu
 - []
 - [USE]** Custom Setup (1 to 20)
 - [PRP]** Parameter
 - [] Instance ID
- [LoC]**
[FCTY] Security Setting Menu
 - [LoC]** Security Setting
 - [LoCo]** Operations Page
 - [LoCP]** Profiling Page
 - [PASE]** Password Enable
 - [rLoC]** Read Lock
 - [SLoC]** Write Security
 - [LoCL]** Locked Access Level
 - [roLL]** Rolling Password
 - [PAsu]** User Password
 - [PAsA]** Administrator Password
- [ULoC]**
[FCTY] Security Setting Menu
 - [LoDE]** Public Key
 - [PAsS]** Password
- [d,AG]**
[FCTY] Diagnostics Menu
 - [d,AG]** Diagnostics
 - [Pn]** Part Number
 - [rEu]** Software Revision
 - [SbLd]** Software Build Number
 - [Sn]** Serial Number
 - [dRtE]** Date of Manufacture
- [CAL]**
[FCTY] Calibration Menu
 - []
 - [CAL]** Calibration (1 to 2)
 - [PQu]** Electrical Measurement

- [ELio]** Electrical Input Offset
- [ELiS]** Electrical Input Slope
- [ELoO]** Electrical Output Offset
- [ELoS]** Electrical Output Slope

Factory Page

Display	Parameter Name Description	Range	Default	Modbus Relative Address	CIP Class Instance Attribute hex (dec)	Profibus Index	Parameter ID	Data Type & Read/Write
<p>Custom Menu</p> <p>Custom Menu</p>								
<p>PAR [Par]</p>	<p><i>Custom</i> Parameter 1 to 20 Select the parameters that will appear in the Home Page.</p> <p>The Parameter 1 value will appear in the upper display of the Home Page. It cannot be changed with the Up and Down Keys in the Home Page.</p> <p>The Parameter 2 value will appear in the lower display in the Home Page. It can be changed with the Up and Down Keys, if the parameter is a writable one.</p> <p>Scroll through the other Home Page parameters with the Advance Key .</p> <p>Note: Display Pairs affect the pairing of custom parameters on the Home page. For more information on Display Pairs see the section in this guide entitled "Modifying the Display Pairs"</p>	<p>none None Pro Process oCA Calibration Offset oCF Display Units USrr User Settings Restore ALo Alarm Low Set Point Ah Alarm High Set Point AHy Alarm Hysteresis CUSE Custom Menu SEPE Set Point ACPu Active Process Value ACSP Active Set Point oP Open Loop Set Point AUT Autotune CM Control Mode hPr Heat Power CP Cool Power t Time Integral td Time Derivative db Dead Band hPb Heat Proportional Band hHy Heat Hysteresis CPb Cool Proportional Band CHy Cool Hysteresis rrt Ramp Rate tTUn TRU-TUNE+® Enable idle Idle Set Point PSEr Profile Start PACr Profile Action Request SSd1 Guaranteed Soak Deviation 1</p>	See: Home Page	----	----	----	14005	uint RWES
<p>iid [iid]</p>	<p><i>Custom (1 to 20)</i> Instance ID Select which instance of the parameter will be selected.</p>	1 to 4	----	----	----	----	14003	uint RWES
<p>Security Setting Menu</p>								
<p>LoCo [LoC.o]</p>	<p><i>Security Setting</i> Operations Page Change the security level of the Operations Page.</p>	1 to 3	2	----	----	----	3002	uint RWE
<p>Note: Some values will be rounded off to fit in the four-character display. Full values can be read with other interfaces.</p> <p>If there is only one instance of a menu, no submenus will appear.</p>								<p>R: Read W: Write E: EEPROM S: User Set</p>

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Display	Parameter Name Description	Range	Default	Modbus Relative Ad- dress	CIP Class Instance Attribute hex (dec)	Profibus Index	Param- eter ID	Data Type & Read/ Write
[LoCP] [LoC.P]	<i>Security Setting</i> Profiling Page Change the security level of the Profiling Page.	1 to 3	3	----	----	----	3008	uint RWE
[PSE] [LoC.P]	<i>Security Setting</i> Password Enable Set to on to require a password for menu changes.	<input type="checkbox"/> off Off <input type="checkbox"/> on On	Off	----	----	----	3009	uint RWE
[rLoC] [rLoC]	<i>Security Setting</i> Read Lock Set the read security clearance level. The user can access the selected level and all lower levels. If the Set Lockout Security level is higher than the Read Lockout Security, the Read Lockout Security level takes priority.	1 to 5	5	----	----	----	3010	uint RWE
[SLoC] [SLoC]	<i>Security Setting</i> Write Security Set the write security clearance level. The user can access the selected level and all lower levels. If the Set Lockout Security level is higher than the Read Lockout Security, the Read Lockout Security level takes priority.	0 to 5	5	----	----	----	3011	uint RWE
[LoCL] [LoC.L]	<i>Security Setting</i> Locked Access Level Determines user level menu visibility when Password Enable is set to on. See Features section under Password Security.	1 to 5	5	----	----	----	3016	uint RWE
[roLL] [roLL]	<i>Security Setting</i> Rolling Password When power is cycled a new Public Key will be displayed and User Password changes.	<input type="checkbox"/> off Off <input type="checkbox"/> on On	Off	----	----	----	3019	uint RWE
[PAS.u] [PAS.u]	<i>Security Setting</i> User Password Used to acquire access to menus made available through the Locked Access Level setting.	10 to 999	63	----	----	----	3017	uint RWE
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Display	Parameter Name Description	Range	Default	Modbus Relative Address	CIP Class Instance Attribute hex (dec)	Profibus Index	Parameter ID	Data Type & Read/Write
PAS.A [PAS.A]	<i>Security Setting</i> Administrator Password Used to acquire full access to all menus including disabling or changing passwords.	10 to 999	156	----	----	----	3018	uint RWE
ULoC FCT4 Security Setting Menu								
CoDE [CodE]	<i>Security Setting</i> Public Key If Rolling Password turned on, generates a random number when power is cycled. If Rolling Password is off fixed number will be displayed. The key can be used to gain access when the password is not known.	Customer Specific	0	----	----	----	3020	uint R
PASS [PASS]	<i>Security Setting</i> Password Enter the User or Administrator password to gain access. Exit this menu and re-enter Factory Page, Security menu after valid password is supplied.	-1999 to 9999	0	----	----	----	3022	int RW
d.r9 Fct4 Diagnostics Menu								
Pn [Pn]	<i>Diagnostics</i> Part Number Display this controller's part number.	15 characters	----	----	0x65 (101) 1 9	115	1009	string RWE
rEu [rEu]	<i>Diagnostics</i> Software Revision Display this controller's firmware revision number.	1 to 10	----	----	0x65 (101) 1 0x11 (17)	116	1003	string R
SbLd [S.bLd]	<i>Diagnostics</i> Software Build Number Display the firmware build number.	0 to 2,147,483,647	----	Instance 1 <i>Map 1</i> <i>Map 2</i> 8 8	0x65 (101) 1 5	----	1005	dint R
Sn [Sn]	<i>Diagnostics</i> Serial Number Display the serial number.	0 to 2,147,483,647	----	----	0x65 (101) 1 0x20 (32)	----	1032	string RWE
dAtE [dAtE]	<i>Diagnostics</i> Date of Manufacture Display the date code.	0 to 2,147,483,647	----	Instance 1 <i>Map 1</i> <i>Map 2</i> 14 14	0x65 (101) 1 8	----	1008	dint RWE
No Display	<i>Diagnostics</i> Hardware ID Display the Hardware ID.	0 to 2,147,483,647	----	Instance 1 <i>Map 1</i> <i>Map 2</i> 0 0	0x65 (101) 1 1	----	1001	dint R
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Display	Parameter Name Description	Range	Default	Modbus Relative Address	CIP Class Instance Attribute hex (dec)	Profibus Index	Parameter ID	Data Type & Read/ Write
No Display	<i>Diagnostics</i> Firmware ID Display the Firmware ID.	0 to 2,147,483,647	----	Instance 1 <i>Map 1</i> <i>Map 2</i> 2 2	0x65 (101) 1 2	----	1002	dint R
<div style="border: 1px solid black; padding: 2px;"> CAL FEE9 Calibration Menu </div>								
E1M [Mv]	<i>Calibration (1 to 2)</i> Electrical Measurement Read the raw electrical value for this input in the units corresponding to the Sensor Type (Setup Page, Analog Input Menu) setting.	-3.4e38 to 3.4e38	----	Instance 1 <i>Map 1</i> <i>Map 2</i> 400 400 Instance 2 <i>Map 1</i> <i>Map 2</i> 480 490	0x68 (104) 1 to 2 0x15 (21)	----	4021	float R
ELo [ELi.o]	<i>Calibration (1 to 2)</i> Electrical Input Offset Change this value to calibrate the low end of the input range.	-1,999.000 to 9,999.000	0.0	Instance 1 <i>Map 1</i> <i>Map 2</i> 378 378 Instance 2 <i>Map 1</i> <i>Map 2</i> 458 468	0x68 (104) 1 to 2 0xA (10)	----	4010	float RWES
ELoS [ELi.S]	<i>Calibration (1 to 2)</i> Electrical Input Slope Adjust this value to calibrate the slope of the input value.	-1,999.000 to 9,999.000	1.0	Instance 1 <i>Map 1</i> <i>Map 2</i> 380 380 Instance 2 <i>Map 1</i> <i>Map 2</i> 460 470	0x68 (104) 1 to 2 0xB (11)	----	4011	float RWES
ELoO [ELo.o]	<i>Calibration (1 or 3)</i> Electrical Output Offset Change this value to calibrate the low end of the output range. Menu 2 calibrates output 3.	-1,999.000 to 9,999.000	0.0	----	----	----	18005	----
ELoS [ELo.S]	<i>Calibration (1 or 3)</i> Electrical Output Slope Adjust this value to calibrate the slope of the output value. Menu 2 calibrates output 3.	-1,999.000 to 9,999.000	1.0	----	----	----	18006	----
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