User's Manual

ADMAG TI Series
AXG, AXW Magnetic Flowmeter
Modbus Communication Type

Manual Change No. 19-0019-E

Please apply necessary change in each page described below for IM 01E21A02-05EN (1st).
As for method to confirm device revision (main board software revision, display board software revision), please refer "4.8.2 Device Revision" on page 119.

<table>
<tr><th colspan="2">Page/Section</th><th>Description</th></tr>
<tr><td>3.2.1
(Page 48)</td><td>Holding Register</td><td>If the main board software revision is R1.01.04 or later, the default value of parameter "Display scroll" on the table is changed as follows.
~~~~~~
<table><tr><th>Before Change</th><th>After Change</th></tr><tr><td>1: Manual</td><td>0: Off</td></tr></table>~~~~~~</td></tr>
<tr><td>3.2.1
(Page 52)</td><td>Holding Register</td><td>Change the unit of parameter "Total 1 test value" on the table as below.
~~~~~~
<table><tr><th>Before Change</th><th>After Change</th></tr><tr><td>Synchronized with
"Total 1 unit"</td><td>m^3, kg or J
(depends on the process variable to be totalized.)</td></tr></table>~~~~~~</td></tr>
<tr><td>3.2.1
(Page 52)</td><td>Holding Register</td><td>Change the unit of parameter "Total 2 test value" and "Total 3 test value" on the table as below.
~~~~~~
<table><tr><th>Before Change</th><th>After Change</th></tr><tr><td>Specified in
"Total 2(3) unit"</td><td>m^3, kg or J
(depends on the process variable to be totalized.)</td></tr></table>~~~~~~</td></tr>
<tr><td>4.2.2.
(Page 77)</td><td>Totalized-Value Display and Totalizer Function</td><td>Add below description if the main board software revision is R1.01.04 or later, and the display board software revision is R2.01.02 or later.
~~~~~~
【NOTE】
In case the totalized value is indicated on the display, the indicated value becomes zero if the totalized value exceeds ±99999999.
~~~~~~</td></tr>
<tr><td>4.2.2
(Page 78)</td><td>Totalized-Value Display and Totalizer Function</td><td>Add the below description to the item "Display of the totalized value that is scaled with the conversion factor" if the main board software revision is R1.01.04 or later, and the display board software revision is R2.01.02 or later.
~~~~~~
【NOTE】
In case the totalized value is indicated on the display, the indicated value becomes zero if the totalized value exceeds ±99999999.
~~~~~~</td></tr>
<tr><td>4.2.3.
(Page 78)</td><td>Totalization Switch Function</td><td>Add the below description if the main board software revision is R1.01.04 or later.
~~~~~~
The status output is active while the totalized value (display) exceeds the specified target value. In this state, the status output is kept active if nothing is operated even when the totalized value resets to zero.
~~~~~~</td></tr>
</table>

<table>
<tr><th colspan="2">Page/Section</th><th>Description</th></tr>
<tr><td>4.5.4
(Page 91)</td><td>Power Frequency Synchronization Setting</td><td>Change the parameter name on table as below if the display board software revision is R2.01.02 or later.
~~~~~~
<table><tr><th>Before Change</th><th>After Change</th></tr><tr><td>Power sync on/off</td><td>Power sync</td></tr></table>
~~~~~~</td></tr>
<tr><td>4.5.4
(Page 92)</td><td>Power Frequency Synchronization Setting</td><td>Change the description in “IMPORTANT” as below if the display board software revision is R2.01.02 or later.
~~~~~~
<table><tr><th>Before Change</th><th>After Change</th></tr><tr><td>When using the DC power as the transmitter power, set the commercially available power frequency of the place where to use the transmitter.
Set “Power sync on/off” to Off and specify “Set power freq”.</td><td>When using the DC power as the transmitter power, set the commercially available power frequency of the place where to use the transmitter.
Set “Power sync” to No and specify “Set power freq”.</td></tr></table>
~~~~~~</td></tr>
<tr><td>4.7.2.
（Page 110）</td><td>Display Item Setting</td><td>Add the below description if the main board software revision is R1.01.03.
~~~~~~
Maximum or minimum value of totalizer that can be displayed on the LCD display is limited by number of digits that is based on setting of decimal point position. For example, when decimal point position of totalizer 3 is set to 2 places of decimals, maximum/minimum value of totalizer 3 can be displayed is +999999.99/-999999.99. Please refer to 4.7.3 for method to set decimal point position. Maximum/minimum value of totalized count value is +99999999/-99999999. Value of totalizer or totalized count value is fixed to the maximum or the minimum when it exceeds the limitation.
~~~~~~

Add below description if the main board software revision is R1.01.04 or later, and the display board software revision is R2.01.02 or later.
~~~~~~
Maximum or minimum value of totalizer that can be displayed on the LCD display is limited by number of digits that is based on setting of decimal point position. For example, if decimal point position of totalizer 3 is set to 2 places of decimals, maximum/minimum value of totalizer 3 can be displayed is +999999.99/-999999.99 and the totalizer value resets to zero(0) when it exceeds the limitation. Please refer to 4.7.3 for method to set decimal point position. When the value resets to zero, the value may be different from the value described on 4.2.2 because the number of digits that can display value changes. To restart totalizer, please use reset/preset function. Maximum/minimum value of totalized count value is +99999999/-99999999、and it resets to zero when it exceeds the limitation.
~~~~~~</td></tr>
<tr><td>4.11.2
(Page 134)</td><td>Restore / Duplicate Function</td><td>Add below description to “IMPORTANT”.
~~~~~~
When restore is executed, values of parameters on the device will be changed. Thus, it should be done when the facility is non-operational condition, or the device is removed from the facility.
After the restoration, confirm the values of target parameters are changed.
~~~~~~</td></tr>
</table>

Page/Section		Description
5.6 (Page 153)	Detailed setup	Change the parameter name in “AUX calculation” menu if the display board software revision is R2.01.02 or later. ~~~~~~ Before Change: Power sync on/off — After Change: Power sync ~~~~~~

Before Change	After Change
Power sync on/off	Power sync