

Note for TSXPBY100 and 140CRP81100

For the Profibus master TSXPBY100 / 140CRP81100 the length of Profibus diagnostic buffers is set by default to 32 bytes by PL7 / Concept / UnityPro.

CAUTION: slave outputs will be frozen at their last value



If the number of diagnostic data from any Profibus slave is higher than the configured number of diagnostic buffer length of the Profibus master the slave outputs will be frozen at their last value.

To avoid this problem the Profibus diagnostic buffer length of the Profibus master has to be adapted.

Ignoring of these notes can cause injuries or material damage!

Please check the user manuals and/or the GSD files for the used Profibus slaves for the value of the entry "Max_Diag_Data_Len" (diagnostic data length).

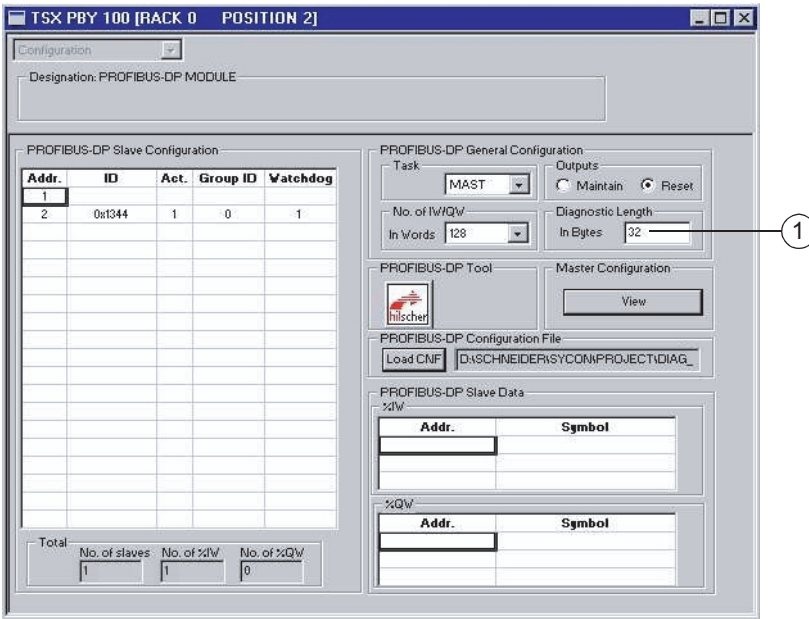
If "Max_Diag_Data_Len" of the Profibus slaves is less or equal than the diagnostic buffer length of the Profibus master:
No action required!

If "Max_Diag_Data_Len" of the Profibus slaves is larger than the diagnostic buffer length of the Profibus master:
Set the Profibus master diagnostic buffer length in PL7 / Concept / UnityPro to the "Max_Diag_Data_Len" (diagnostic data length) for the used Profibus slaves.

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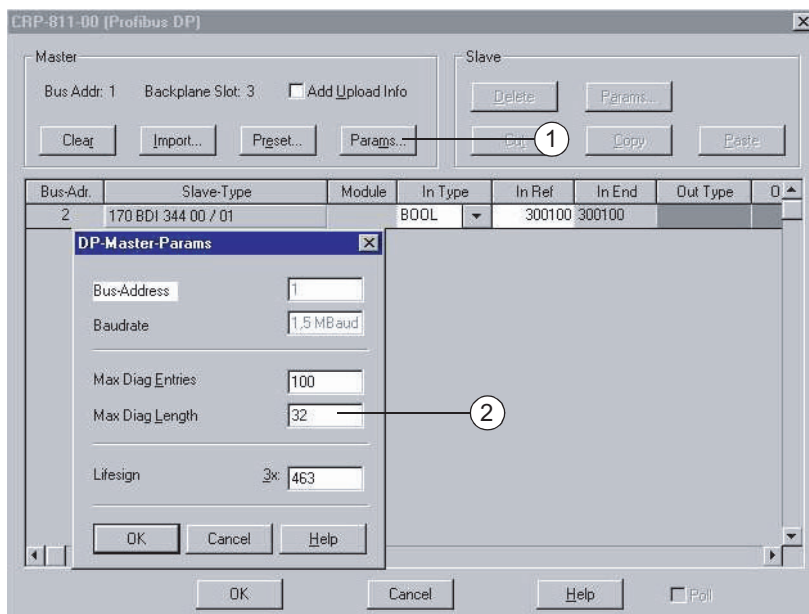
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PL7 configuration screen for setting the length of Profibus diagnostic buffers for TSXPBY100:



- 1 Set the length of Profibus diagnostic buffers to the required value (as described above)

Concept configuration screen for setting the length of Profibus diagnostic buffers for 140CRP81100:

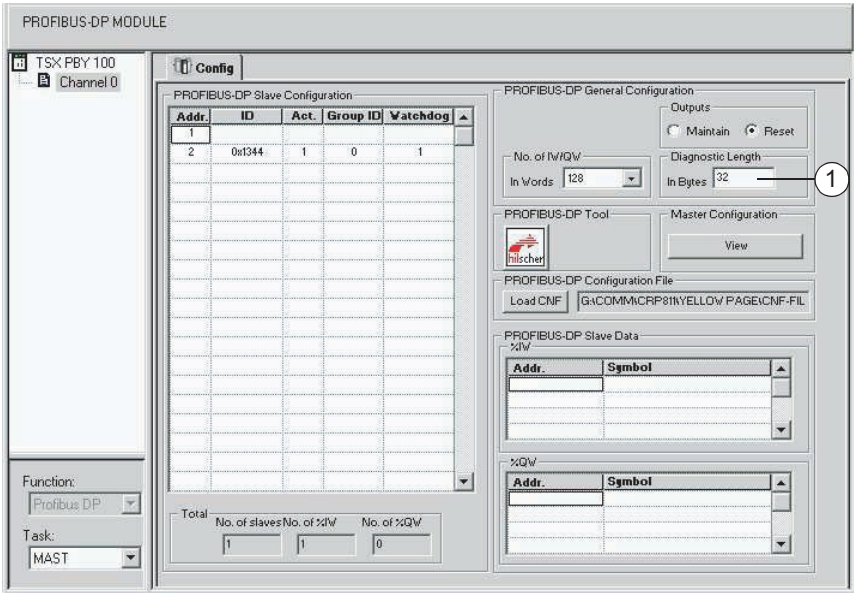


- 1 Click this button for opening "DP-Master-Parameter"
- 2 Set the length of Profibus diagnostic buffers to the required value (as described above)

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UnityPro configuration screen for setting the length of Profibus diagnostic buffers for TSXPBY100:



- 1 Set the length of Profibus diagnostic buffers to the required value (as described above)