



Pump Genius Multiplex V3.01 Application Information

Equipment: CFW-11

Firmware Version: Ve5.31

WLP Software Version: V10.00 or higher

New Application Version: PGMPX_CFW11_en_V3_01.apl

Old Application Version: PGMPX_CFW11_en_V2_31.apl

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Functional deviations in the old application version

- 1) There is not

Changes in the new application version

- 1) It was reduced the number of pumps from six to five pumps;
- 2) It was included the indication of the Sleep Mode active in the digital output DO1;
- 3) It was changed the protection of the pump via external sensor by fault F793 to alarm A784, and now the pump is stopped but it is no longer generated the fault in the pump genius;
- 4) It was changed the default value of Enable Pipe Charging (P0105), going enabled to disabled;
- 5) It was changed the default value of Deviation for Stopping on Pump in Parallel (P1056), going 20 to 0;
- 6) It was changed the logic to generate the fault F759 (Two or more masters active), now it is only generated when the automatic change of the master pump (P1021) is disabled, i.e., the reset of loss of the master is in manual via HMI;
- 7) It was included the speed selection in Hz or rpm for Pump Genius speed parameters;
- 8) It was included the function of DI2 (P0264=1 Run/Stop) to enabled the pump in the pump genius too. This allows that the pump will be commanded by DI2 when the CFW-11 is in LOCAL mode.



NOTE!

Appendix 1 shows how to import Pump Genius Multiplex application to WLP.

Appendix 1 – How to Import Application to WLP

- 1) In the WLP Ladder Programmer, in “Tools” menu, select the “Import Application to WLP” option;
- 2) Search “PGMPX_CFW11_en_V3_01.apl” archive and press “OK”;
- 3) The Pump Genius Multiplex application will be imported to WLP;
- 4) To select the application, in “Tools” menu, “Application” option, “CFW11”, “Create”, “Pump Genius”, select “Multiplex” option.