

EASYREG SOFTWARE

TECHNICAL NOTE #5

D510C analog inputs features

Date: 27/05/2016

Software: Easyreg

Version: all releases

Hardware: D510C

Firmware: all releases

The D510C can be controlled by external signals such as 0-10V, +/- 10V ,1kOhms potentiometer and 4-20mA to ensure for instance PF or kVAR regulation. Nevertheless, when operating with a 4-20mA signal the following conditions must be respected

- The user's 4-20mA source must comply with the D510C 866Ohms input impedance
- The user's 4-20mA source must have a dynamics which ranges from -10Vdc to 10Vdc to ensure a full range operation.

Failure to respect these conditions may lead to product dysfunction

For technical support please contact TechnicalSupportAVR.IALS@mail.nidec.com