

STARTER GUIDE

Programmable I/O Module
DigiRail NXprog RAMIX

NOVUS
We Measure, We Control, We Record

See
NOVUS
Product
Page



Included:

- ✓ 1 x DigiRail NXprog RAMIX
- ✓ 1 x 5-pin connector
- ✓ 2 x 10-pin connector



Step-by-step guide for DigiRail NXprog RAMIX

English

See
Manual



- Go to GitHub page (www.github.com) and type “nxprog” in the “Search” field, or type <https://github.com/NOVUS-Products/DigiRail-NXprog>;
- Follow the instructions to install and configure all packages.
- Confer the Arduino community library repository on Github as a reference for application development.

Español

Ver
Manual



- Vaya a la página de GitHub (www.github.com) y escriba “nxprog” en el campo “Buscar”, o escriba <https://github.com/NOVUS-Products/DigiRail-NXprog>;
- Siga las instrucciones para instalar y configurar todos los paquetes.
- Consulte el repositorio de bibliotecas de la comunidad Arduino en Github como referencia para el desarrollo de aplicaciones.

Português

Ver
Manual



- Vá para a página do GitHub (www.github.com) e digite “nxprog” no campo “Pesquisar” ou digite <https://github.com/NOVUS-Products/DigiRail-NXprog>;
- Siga as instruções para instalar e configurar todos os pacotes.
- Consulte o repositório de bibliotecas da comunidade Arduino no Github como referência para o desenvolvimento de aplicações.

Français

Voir
Manuel

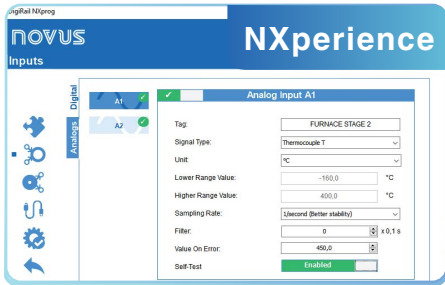


- Accédez à la page GitHub (www.github.com) et tapez “nxprog” dans le champ “Rechercher”, ou tapez <https://github.com/NOVUS-Products/DigiRail-NXprog> ;
- Suivez les instructions pour installer et configurer tous les packages.
- Consultez le référentiel de la bibliothèque de la communauté Arduino sur Github comme référence pour le développement d'applications.

1. <http://www.novus.com.br/produtos/506433>
2. <https://www.arduino.cc/en/main/software>
3. <https://github.com/NOVUS-Products/DigiRail-NXprog>

Install
Arduino IDE

Install
DigiRail NXprog
Arduino
package



Write the
program code

Installation
Tutorial



1

2

3

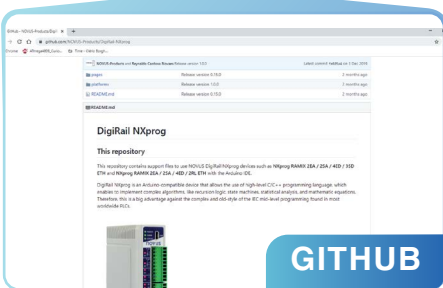
4

5

6

7

Install
NXperience



GITHUB

Power the
DigiRail NXprog
with 24 Vdc

Connect in
the USB

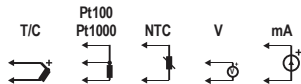
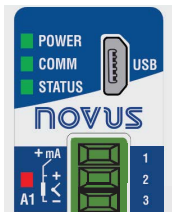
Configure
I/O via
Software



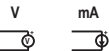
Arduino IDE

Connections

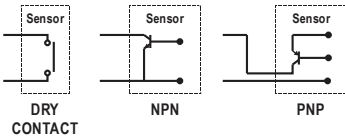
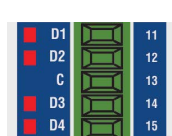
Analog inputs:



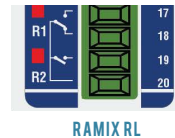
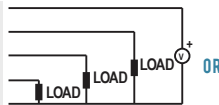
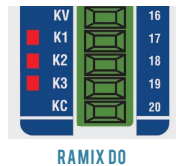
Analog outputs:



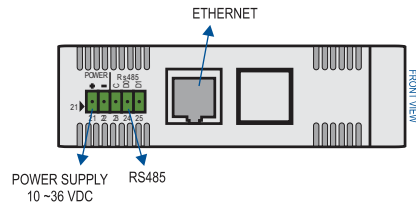
Digital inputs:



Digital outputs:



Power Supply and Communication Interfaces:



The Digital Output channels are not electrically isolated from the Digital Input channels, but are isolated from the other DigIRail NxProg RAMIX electrical circuits.