INTRODUCTION

Logbox-DA is a dual input data logger which accepts digital signals in one channel and analog voltage or current signals in the other channel.

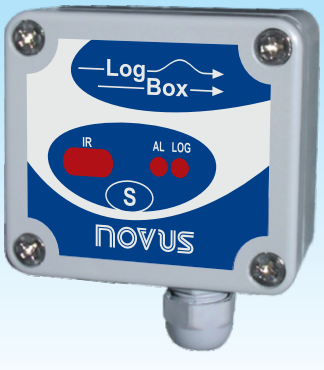
Typical applications are fluid flow and pressure monitoring when connected to pulsed signal flowmeters and linear output pressure transmitters.

Wireless communication and data transfer can be easily achieved between **LogBox** and a PC via the handy infrared **IR-LINK 3** connected to a USB port.

Its sturdy water proof enclosure provides full performance in the most demanding applications.

CONFIGURATION

- **NXperience** software allows for logger configuration, recorded data retrieval, plotting and historical analysis and exports data to spread sheets.
- Infrared communication to a PC is achieved by using the interface **IrLink 3** connected to a USB port.



SPECIFICATIONS

- Input 1: voltage pulse signal (NPN or PNP up to 4 KHz) or dry contact (up to 20 Hz)
- Input 2: 0 to 20 mA, 4-20 mA, 0 to 10V or 0 to 50 mV, internally selectable
- Input 2 resolution: 13 bits
- Input 2 accuracy: 0.2% of input full scale
- Counting interval and scale factor for input are fully programmable
- Launch options: immediate, programmed time and date, or via Palm
- Stop options: when full, at a certain time, after a number of readings, or wrap around (overwrites first readings)
- Data acquisitions can be repeated daily
- Memory for 32,000 recordings in one channel or 16,000 recordings for each channel
- Infrared communication u to 1 meter away
- Recording interval: programmable from 1 s to 18 hours
- Real time clock
- Internal replaceable lithium cell (3.6V 1/2 AA)
- Estimated battery life: 200 days with one weekly download and 5 minutes measuring interval. Battery life depends heavily on data retrieval frequency.
- Configuration and data retrieval software for Windows® XP, Vista and 7.
- Operating temperature: -40°C a 70°C
- ABS enclosure with IP65 protection (IP67 under request)
- Dimensions: 70 x 60 x 35 mm

NXPERIENCE CONFIGURATION SCREEN

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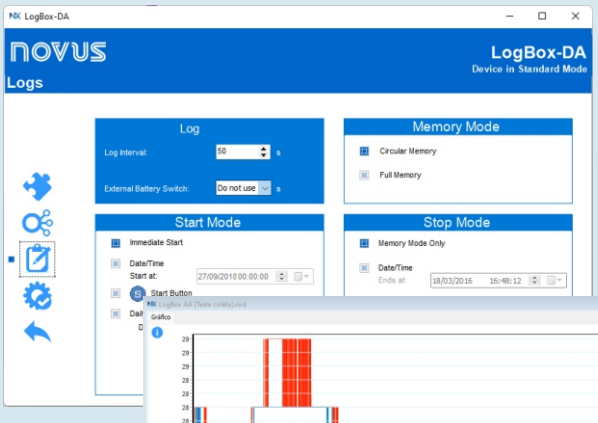
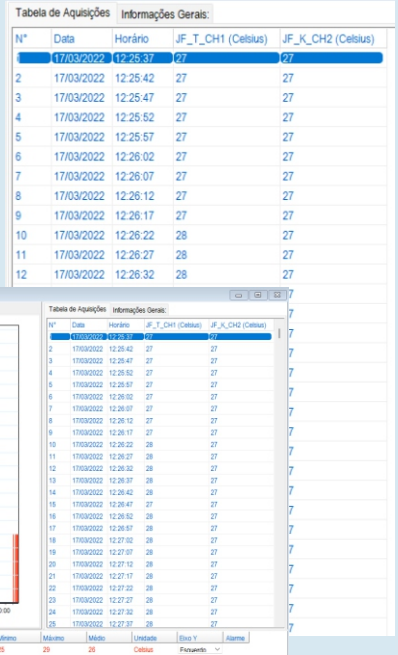
ANÁLISE DE DADOS

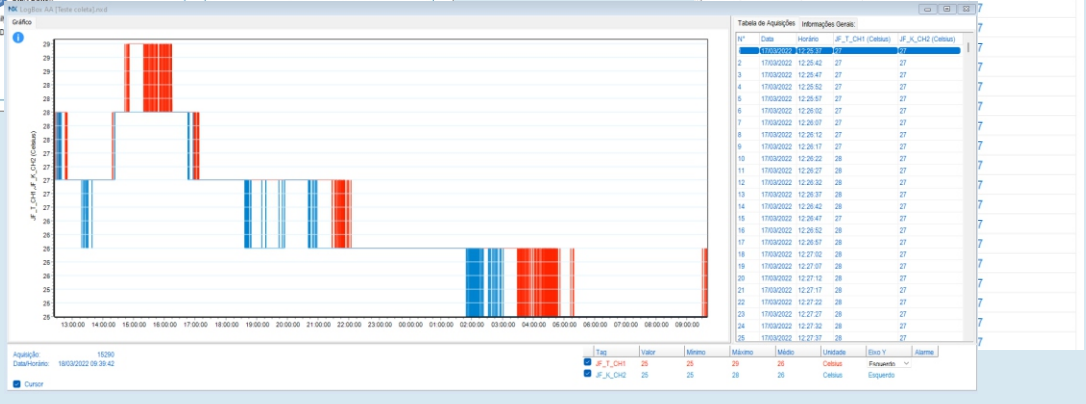
CONFIGURATION



TABLE

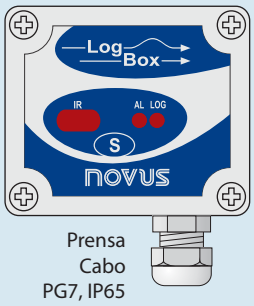


GRAPHIC



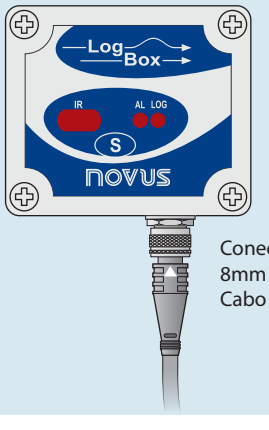
MODELS

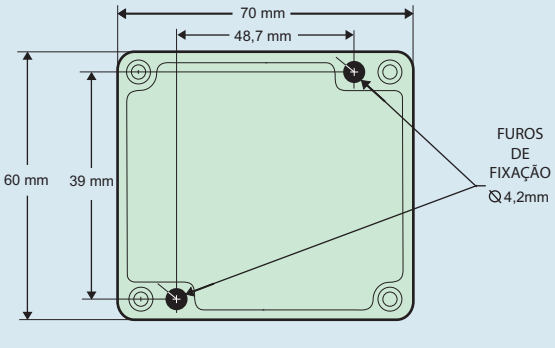
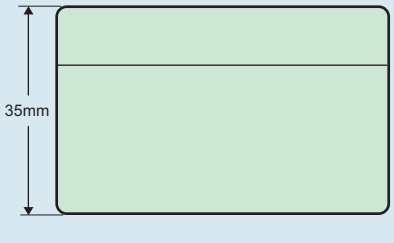
Versão Standard



Prensa Cabo PG7, IP65

Versão IP67



Conector 8mm IP67 Cabo 1,2m

DIMENSION