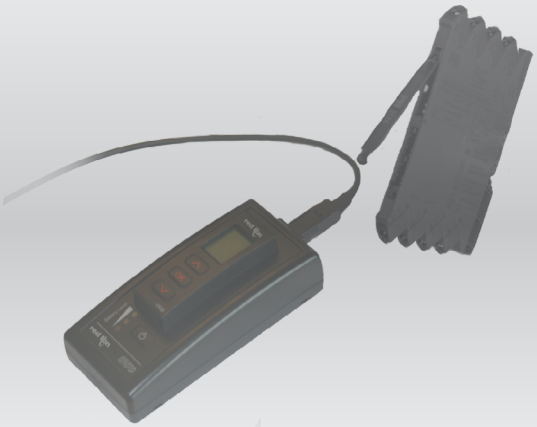
Product Manual
PGMMOD02
Programming Module USB interface kit



Model No. PGMMOD02
Drawing No. LP1098
Version No. 101
Revision Date 19/06

USB interface Programming Module

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Warning

GENERAL

This device is designed for connection to hazardous electric voltages. Ignoring this warning can result in severe personal injury or mechanical damage.
To avoid the risk of electric shock and fire, the safety instructions and warnings of this guide must be observed and the guidelines followed. The specifications must not be exceeded, and the device must only be applied as described in the following.
Prior to the commissioning of the device, this guide must be examined carefully.
Only qualified personnel (technicians) should operate this device. If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

Repair of the device must be done by Red Lion Controls only.

Warning - risk of explosion hazard

EXPLOSION

To avoid risk of explosion and injury:

- Do not use this equipment when a flammable or combustible atmosphere is present
- Do not replace batteries unless area is known to be safe.
- Use 3 x 1.5 V TYPE AAA batteries only and insert correctly as stipulated in battery compartment.

Warning - risk of electrical shock

ELECTRICAL SHOCK

To avoid risk of electrical shock and injury:

- Do not disconnect the cable from Programming Module while cable is connected to a device.
- Do not remove PGM while the cable is connected to a device.
- Do not replace batteries while the cable is connected to a device.

Symbol identification

Triangle with an exclamation mark: Warning / demand. Potentially lethal situations.

The CE mark proves the compliance of the device with the essential requirements of the directives.

The double insulation symbol shows that the device is protected by double or reinforced insulation.

Safety instructions

Definitions

Hazardous voltages have been defined as the ranges: 75...1500 Volt DC, and 50...1000 Volt AC.

Technicians are qualified persons educated or trained to mount, operate, and also trouble-shoot technically correct and in accordance with safety regulations.

Operators, being familiar with the contents of this manual, adjust and operate the knobs or potentiometers during normal operation.

Receipt and unpacking

Unpack the device without damaging it and check whether the device type corresponds to the one ordered.

Environment

Avoid direct sun light, dust, high temperatures, mechanical vibrations and shock, and rain and heavy moisture.

Normal operation

Only technicians who are familiar with the technical terms, warnings, and instructions in the manual and who are able to follow these should connect the device.

Should there be any doubt as to the correct handling of the device, please contact your local distributor or, alternatively,

Red Lion Controls

www.redlion.net

Battery replacement

Replace batteries with 3 x 1.5V TYPE AAA (not included).

Cleaning

When disconnected, the device may be cleaned with a cloth moistened with distilled water.

Liability

To the extent the instructions in this manual are not strictly observed, the customer cannot advance a demand against Red Lion Controls that would otherwise exist according to the concluded sales agreement.

Application

The Programming Module is a USB communications interface which is used along with the detachable PGM Programming Display to configure or document and backup/ restore configurations of selected Red Lion programmable devices in Adaptor Mode.

Adaptor Mode

- The PGMMOD02 is a handheld device that can operate as an adapter between the detachable PGM Programming Display (PGMMOD00) and the IAMA. This allows for configuration and monitoring of process parameters of the IAMA.
- Note for connection to an IAMA, the USB-B to a 2.5 mm jack cable must be used.
- By pressing the power button, the PGMMOD02 will power on, and show the status of the attached IAMA device on the PGMMOD.
- If the IAMA is powered, the PGMMOD display will indicate the process variable or can be manually set to go into program mode.
- If the IAMA is not powered the PGMMOD display will be in program mode only.
- Indication of battery level is displayed via the LEDs. This can be activated by using the Power/Wake-up button. If while pressing the Power/Wake-up button the LEDs are off, or only one LED is lit, the batteries should be exchanged. To extend battery life the PGMMOD02 will automatically detect if it is not in use, and will consequently shut itself down to conserve battery power.
- Battery life in Adaptor Mode is approximately 1 year of daily use, depending upon battery type.

Connection of Programming Module to a Device