Wireless Module and RS-485 Module

Bell & Gossett

a xylem brand

Table of Contents

1. Introduction and Safety

1.1 Introduction

Purpose of the manual

The purpose of this manual is to provide necessary information for:
- Installation
- Operation
- Maintenance

CAUTION:

Read this manual carefully before installing and using the product. Improper use of the product can cause personal injury and damage to property, and may void the warranty.

NOTICE:

Save this manual for future reference, and keep it readily available at the location of the unit.

1.2 Safety terminology and symbols

1.3.0 About safety messages

It is extremely important that you read, understand, and follow the safety messages and regulations carefully before handling the product. They are published to help prevent these hazards.
- Personal accidents and health problems
- Damage to the product
- Product malfunction

Hazard levels

Hazard level		Indication
	DANGER:	A hazardous situation which, if not avoided, will result in death or serious injury.
	WARNING:	A hazardous situation which, if not avoided, could result in death or serious injury.
	CAUTION:	A hazardous situation which, if not avoided, could result in minor or moderate injury.
NOTICE:		• A potential situation which, if not avoided, could result in undesirable conditions. • A practice not related to personal injury.

Hazard categories

Hazard categories can either fall under hazard levels or let specific symbols replace the ordinary hazard level symbols.

Electrical hazards are indicated by the following specific symbol.

Electrical Hazard:

Hot surface hazard

Hot surface hazards are indicated by a specific symbol that replaces the typical hazard level symbols:

CAUTION:

1.3 Warranty

For information about warranty, see section 1.3 in the ecocirc XL Installation, Operation, and Maintenance Manual.

2. Transportation and Storage

2.1 Inspect the delivery

1. Check the outside of the package.
2. Notify our distributor within eight days of the delivery date, if the product bears visible signs of damage.
3. Open the packing carton.
4. Remove packing materials from the product. Dispose of all packing materials in accordance with local regulations.
5. Inspect the product to determine if parts have been damaged or are missing.
6. Contact the seller if anything is out of order.

2.2 Storage guidelines

Storage location

⚠️ **NOTICE:**
- Protect the product against humidity, heat sources, and mechanical damage.
- The product must be stored at an ambient temperature from -5°C to +40°C (23°F to 104°F) and humidity <95%.

3. Product Description

3.1 Wireless module

The wireless module is an optional module, to be coupled with ecocirc XL pumps.
Intended use
The module is suitable for:
- Generation of a wireless network
- Activation of the secondary RS485 channel.

3.2 RS-485 module

The RS-485 is an optional module, to be coupled with ecocirc XL pumps.
Intended use
The module is suitable for:
- Activation of the secondary RS485 channel.

3.3 Scope of delivery

Inside the package you will find:
- Wireless or RS-485 module
- Flat cable for connection
- Installation, Operation and Maintenance Manual

4. Installation

Precautions

WARNING:

- Observe accident prevention regulations in force.

- Use suitable equipment and protection.

- Always refer to the local and/or national regulations, legislation and codes in force regarding the selection of the installation site and power.
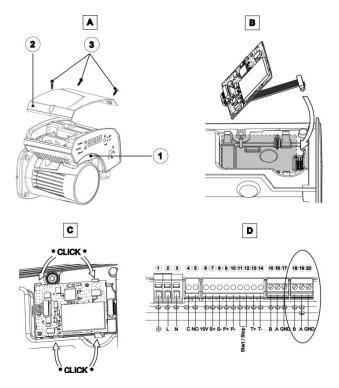
ELECTRICAL HAZARD:

- Make sure that the flat cable is properly plugged with its connector into the socket.

4.1 Module installation

See Figures as reference.

1. Power off the pump.

2. Open the terminal box of the pump head (1) removing the cover (2) - Picture A.

3. Plug the flat cable of the module on the connector of the terminal box - Picture B.

4. Fix the module using the clips - Picture C.

5. When the module is connected, the secondary RS-485 channel becomes available - Picture D.

   If necessary connect the communication cable to terminals 18 – 19 – 20 (B-A-Ground) of the pump.

6. Close the pump terminal box.

7. Power on the pump.

For wireless module use see section 5 of this manual.

5. Wireless module use

When the wireless module is assembled into ecocirc XL, and correctly configured (see the ecocirc XL installation manual), it generates a wireless network accessible (by a mobile phone, tablet or a PC) using data (S/N and PWD) printed on the label on the side of the circulator's drive

In particular,

Network name: "xylemecoxl"___S/N___" where S/N is an 8 character word

Password: "xylem___PWD___" where PWD is an 8 character word

With the external drive connected, access the web pages of ecocirc XL using web address "https://xylemecoxl" or type "192.168.1.10".

Xylem |'zīləm|

1) The tissue in plants that brings water upward from the roots;
2) a leading global water technology company.

We're 12,500 people unified in a common purpose: creating innovative solutions to meet our world's water needs. Developing new technologies that will improve the way water is used, conserved, and re-used in the future is central to our work. We move, treat, analyze, and return water to the environment, and we help people use water efficiently, in their homes, buildings, factories and farms. In more than 150 countries, we have strong, long-standing relationships with customers who know us for our powerful combination of leading product brands and applications expertise, backed by a legacy of innovation.

For more information on how Xylem can help you, go to www.xyleminc.com

xylem
Let's Solve Water

Xylem Inc.
8200 N. Austin Avenue
Morton Grove, IL 60053
Tel (847) 966-3700
Fax (847) 965-8379
www.bellgossett.com