Cleaning

Clean the sensor only with water, mild soap and soft sponge.

DO NOT use materials that may damage or harm the sensor surface, such as brushes and steel wool, metal tools, branches or pieces of crop residues and any other chemicals.

At the end of the fertilizing season, it is recommended to clean all the sensors individually in order to keep it free from corrosive fertilizer residues.

➪ **Tip:** In order to keep the sensors clean and free of residue after using the implement, close the fertilizer meters and let the air flows through the hoses for a while.

Maintenance

No maintenance is required for the sensor itself. Do not try to open the sensor. It will cause damage and loss of warranty.

The inside batteries of the sensor cannot be replaced.

The rubber couplers may suffer from wearing under high air flow operation. So it is recommended to check the rubbers every 500 hours of working. In case of wearing, replace the rubber couplers.

The rubber couplers, rubber cover and the metal clamps can be bought separately.

Warranty

This product is warranted by J.Assy Agricultural to be free from defects in material and workmanship for two (2) years from date of purchase of the original purchaser. Any sensor, coupler or monitor will be repaired or replaced at no charge with the same item if it is found to be defective under normal use and when installed, operated and cared for according to the manufacturer's instructions. This warranty does not cover lost or stolen items or defects caused by accidents, fire, abuse or misuse of the product. This warranty does not cover coupler hose clamps. This warranty does not cover Labor charges to remove or reinstall warranted product or replacement, transportation or mileage charges.

For repair or replacement, return defective product to the original place of purchase.

Discarding

Dispose of properly.

J.ASSY
AGRICULTURAL

February | 2017

VISUM

FERTILIZER

FOR DRY FERTILIZER SYSTEMS

Operator's Manual

Contact us:
J.ASSY Agricultural
www.assyag.com | info@assyag.com

Table of Contents

Manual version: v1.2i
Product version: v2.4

This device contains **FCC ID 2AD66-RF2401Pro**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:
(1) This device may not cause harmful interference, and
(2) This device must accept any interference received, including interference that may cause undesired operation.

For further information, please visit www.fcc.gov.

This device contains **IC ID 21278-RF2401Pro**

IC compliance
This device complies with Industry Canada license-exempt RSS standard(s).
Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of the device.

Conformité aux normes d'IC
Cet appareil est conforme à la(aux) norme(s) RSS sans licence d'Industry Canada.
Son utilisation est soumise aux deux conditions suivantes:
(1) Cet appareil ne doit pas causer d'interférences et
(2) Il doit accepter toutes interférences reçues, y compris celles susceptibles d'avoir des effets indésirables
sur son fonctionnement.

Specifications

- Resistant to dust and water jet.
- Radiofrequency communication at 2.4GHz.
- GFSK Modulation.
- Internal antenna.
- Dimension: 71mm (A) x 89mm (L).
- Weight: 245g.
- Internal diameter of the sensor: 45mm.
- Wearing protection: Stainless Steel.
- Outer diameter of the hose: from 1 ¼" to 2 1/16".

Installation

The sensor is installed between the diffuser and the fertilizer outlet hose:

There are 4 possible couplers sizes you can use. All of them can be used for inlet or outlet coupling:

1 ¼"	1 ½"	1 ¾"	2 1/16"
			

Choose the correct inlet and outlet coupler for the hose and diffuser diameters.

Assembly

1. Cut a piece of the hose at the diffuser side with the length of the sensor-coupler assembly, so that the total length will be the same as the original hose.
2. Place the sensor with the address indicator in the up side.

Sensor Assembly

1. Diffuser, 2. Inlet coupler, 3. Outlet coupler, 4. Hose, 5. Metal clamps

3. Fasten tightly the rubber couplers with metal clamps*.

Network ID

All sensors must be configured with the network ID in order to communicate with the Central or Monitor. The network ID can be found in the back of the Central or Monitor or can be extract by software operation. The sensor configuration can be done with a Visum Addresser, Visum Monitor or Visum Central. Check how it can be done on the manual of the product you have.

Independently of the method you use, when the device tries to connect with the sensor, the following steps must be done:

1. Find the address indicator on the rubber cover.
2. Wake up the sensor by shaking it.
3. Place the magnet on the address indicator (make circular movement to easily turn on the internal switch).
4. Wait for the confirmation beep or message.
5. Fill the address indicator with the number of the implement and row.

⇨ **Attention:** Never configure two sensors at the same time, even with two different devices, because the connections may cross each other.

⇨ **Tip:** In order to change the address of any sensor, just follow the steps again.

*Stainless Steel Clamps (1,75 in - 2,75 in x 0,312 in x 0,021 in)