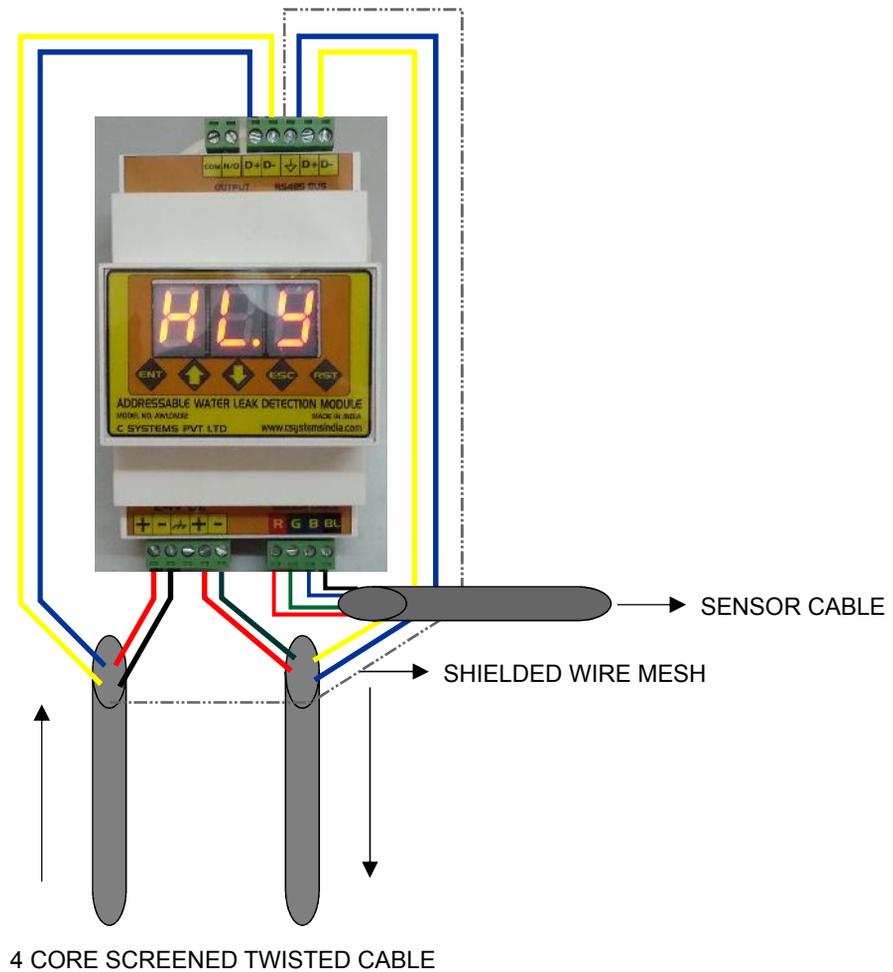


**User Manual
for
Addressable
water leak
detection system**

**AWLDM32
MODULE**

ver-2.01

Wiring Diagram

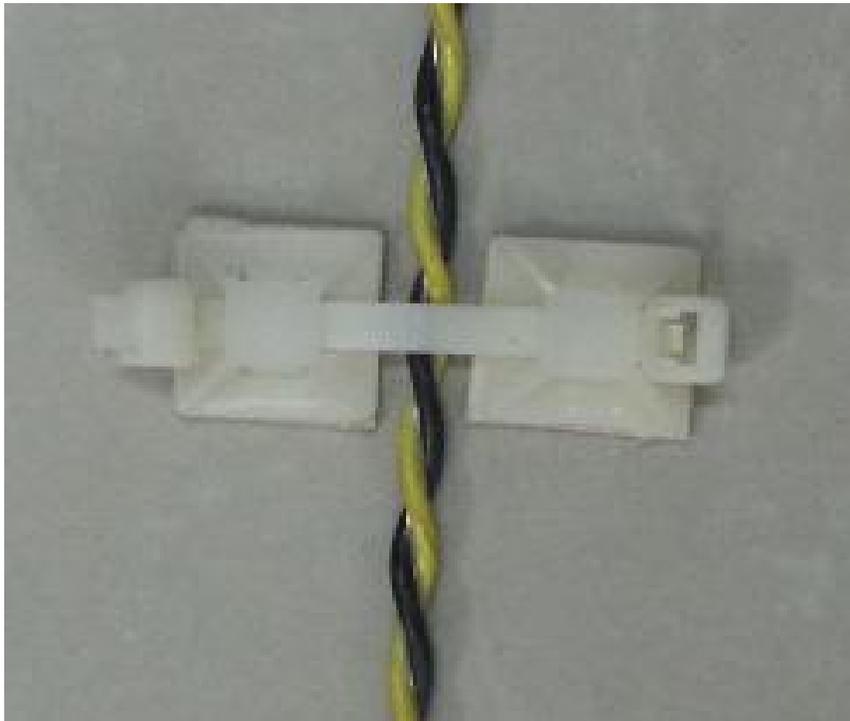


- Fix the Module in the enclosure using the DIN RAIL mount and lock the same.
- Connect the wiring and terminate the connections as per the above diagram.
- 4C x 1.5 Sq.mm screened twisted cable is required to connect the panel and Modules.
- Separate Terminals are provided for incoming and outgoing cables.
- Ensure that the colour codes of the cables are properly terminated.
- Terminate the sensor cable in the module as per the diagram shown above.

LAYING AND FIXING PROCEDURE OF ADDRESSABLE WATER LEAK SENSOR CABLE



Use cable tie mounts and affix two such tie mount on either side of sensor cable as shown in figure. provide about 20 mm of space between two tie mounts in such a way that water shall pass through.



COMMISSIONING PROCEDURE

Connect the communication & power cable as per the wiring diagram. Connect the sensor cable as per the diagram. Power up the main panel.

On powering up the panel, the display shows the following:

CO.n

Press Enter key from the front panel. The display shows the following

Id.

Press Up/Down key to navigate the menu. To select ID menu, press Enter key. The display shows the following.

01.

Default ID is 1. press up / down key to increase / decrease the address of slave modules. Press Enter to save and exit the menu.

Once the ID is set to desired slave address, press esc key to go back to previous menu. Press up / down key and select Length menu. The display show the following.

LE.n

Press Enter key. The display shows the following

00.

Default length is 00. press up / down key to increase / decrease the length of the sensor cable. Press Enter to save and exit the menu.

If the sensor cable is not connected while updating the length of the sensor cable, the display shows the following.

Er.r

Press Esc key to go to main screen. The main screen shows the following if the configuration is properly done. This screen is the default screen.

HL.Y

If the sensor cable is not connected properly or the sensor cable is faulty, then the display shows the following

FLt

When water comes in contact with the sensor cable, the display first shows **ALr** followed by the location of water leak in meters. The display shows as below for example.

06.5

The same information will be displayed in the Master Addressable WLD panel. Reset can be done either from module (for standalone application) OR from the main panel.

Once the module is reset, the module displays **HL.Y**