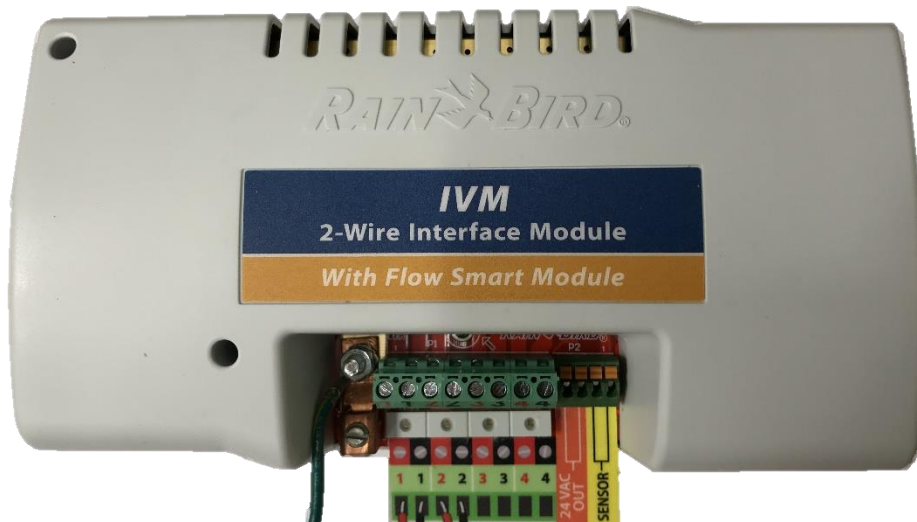


What are the advantages of a Decoder system?

1. _____
2. _____
3. _____
4. _____



- ___ Wire Paths
- ___ Local Weather Sensor w/ 24 VAC Terminals
- Grounding Terminal for #6 AWG Bare Copper Grounding Wire
- ___ Status Lights

The IVM-SOL is unique in what ways?



- For Rain Bird _____ Valves
- Not compatible with Rain Bird _____ Valves

IVM-SEN is used for:



_____ and _____ sensors

The IVM-OUT is used for



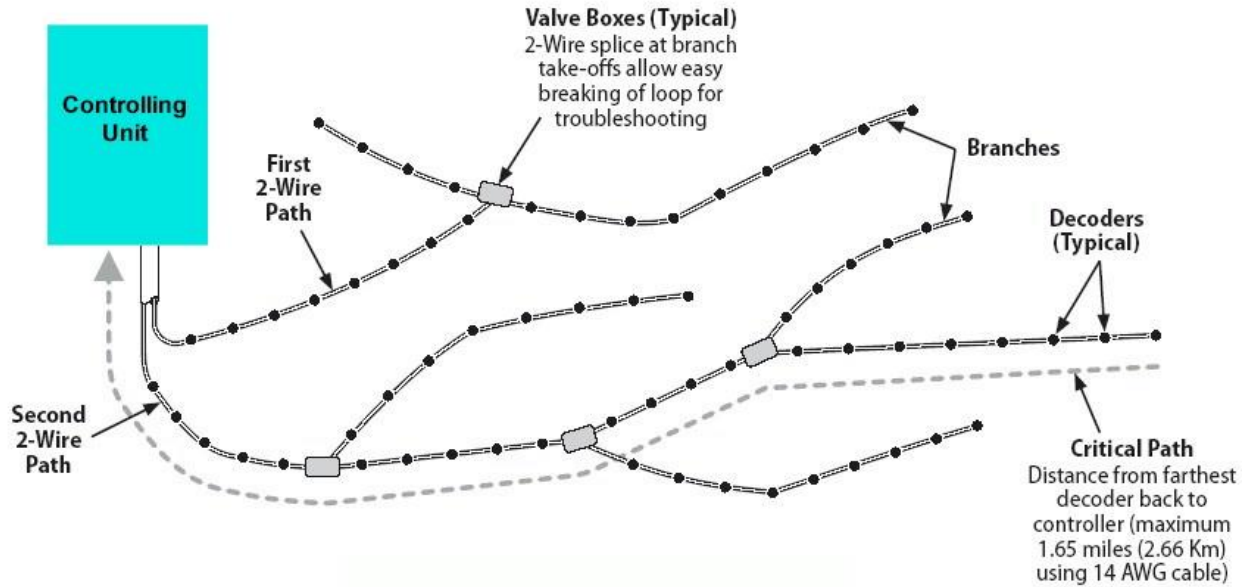
- Third party valves with latching ___ solenoids
- Use with non-irrigation applications using a ____ latching relay

The IVM-SD is used for:



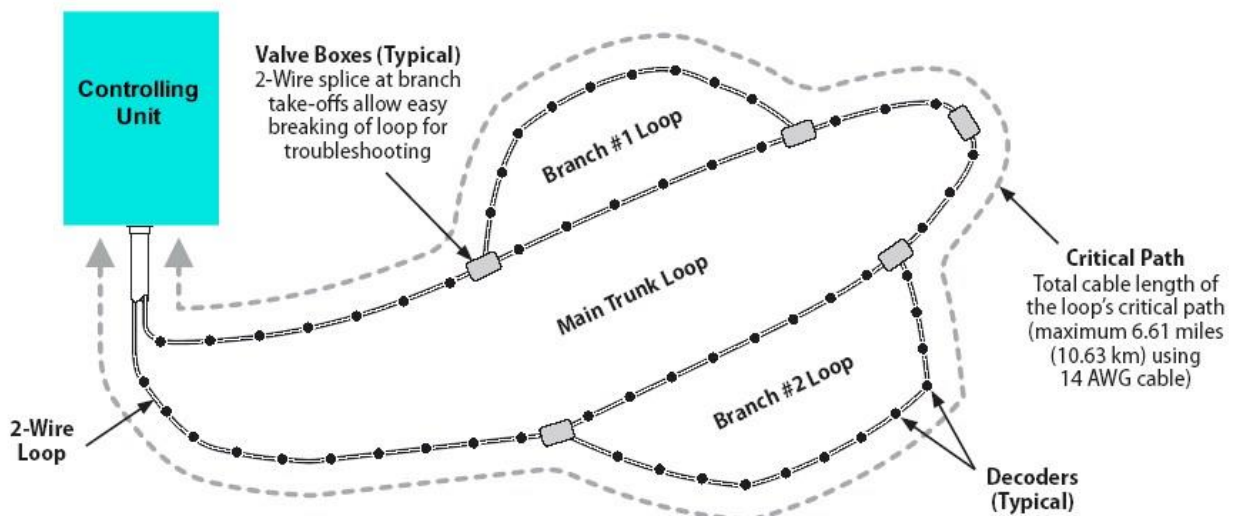
- For _____ Protection
- 1 every _____ feet or _____ field devices (whichever comes first)

State which configuration layout is displayed in the image below:



_____ Layout

State which configuration layout is displayed in the image below:



_____ Layout

Tools needed for making a Wire Splice on the 2-Wire Path

- Lineman Pliers
- 10-22 AWG Wire Stripper
- Indelible marker & Tags
- Rain Bird or 3M splice kits including wire nuts
- KING Safety Stripper

Tools Required for Troubleshooting

- An accurate “as built” showing wire paths, IVM SOL locations, and addresses.
- A print out of IVM SOL addresses and their locations.
- A multi-meter capable of reading 0–50 volts AC/DC and resistance from 0 to 1,000,000 Ohms.
- A clamp meter for measuring minimum AC current with a precision of 1.0 ma.
- Wire tracing and fault finding equipment.
- Spare IVM SOLs, Rain Bird or 3M splice kits including wire nuts, tools.

What are the types of Field Wiring Problems that are associated with the ESP-LX IVM Controller?

1. _____
2. _____
3. _____
4. _____

Note: 90% of Field Wiring Problems Will Be Caused by Poor Splicing Techniques