



### MDI DECODER INTERFACE SERIES

#### APPLICATIONS

MDI Two-Wire Decoder Interface unit serves as an interface between the central computer and the sites Two-Wire Decoders (FD-101, FD-102, FD-202, FD-401, FD-601) on the SiteControl system.

#### FEATURES

- MDI can interface with up to 500 decoder addresses and can activate up to 1000 solenoids.
- MDI come standard with 5 wire paths on LTB-300.
- Computer data path: 9-pin serial cable.
- Decoder data path: 2-wire cable.
- Wall Mount: heavy-duty, plastic, cabinet with a key-lock door.



### FD-101/FD-102/ FD-202/FD-401/FD-601

Field Decoders

#### APPLICATIONS

Decoders are installed out of sight to help protect them from the elements and vandalism. Select different decoders to operate one, two, four, or six valves/solenoids. Five different decoders let you choose the amount of control you need.

#### FEATURES

- Waterproof resin encapsulated circuitry ensure long and trouble-free life.
- Factory preset address codes.

#### SPECIFICATIONS

- Installation: in valve box or direct burial.
- Input: 2 blue wires connected to the signal line.
- Output: 2 color cables per address.

- Maximum of 100 meters distance between decoders and solenoids using 1.5 mm wire.
- Power consumption: under 1mA in passive mode or maximum of 18mA per address code in operation.
- Working temperature range: 0° to 50° C.
- Storage temperature range: -20° to 70° C.
- Built-in surge protection for FD-401 and FD-601.

#### MODELS

- FD-101: 1 address, 1 solenoid per station
- FD-102: 1 address, 1 or 2 solenoids per station
- FD-202: 2 addresses, 1 or 2 solenoids per station
- FD-401: 4 addresses, 1 solenoid per station
- FD-601: 6 addresses, 1 solenoid per station



### PD-210

Pump Decoder

#### APPLICATIONS

The PD-210 can control either 1 pump or an entire pump station. The PD-210 can also control a booster pump.

#### SPECIFICATIONS

Input: signal line from MDC-50-200, SiteControl  
Output: Dry contact 5A, normally open or normally closed

#### MODEL

PD-210



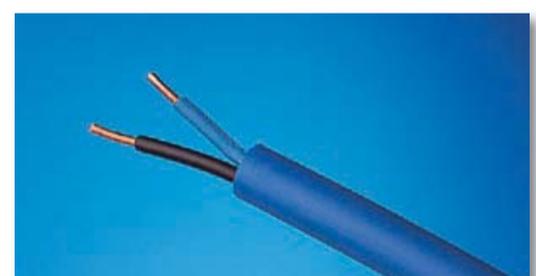
### DECODER CABLE

#### APPLICATION

This cable is used for MDC-50-200 and SiteControl decoder systems in large municipal turf areas and athletic fields.

#### FEATURES

- Solid bare copper conductors
- Core insulation: 0.7 mm polyethylene (blue and black)
- Blue polyethylene outer sheath
- European standard: CEI 60502-1
- Cable approved by Rain Bird for MDC- 50-200 and SiteControl



#### SPECIFICATIONS

Number of conductors: 2. Cross section: 2.5mm<sup>2</sup>  
Maximum current\*: buried 46A, open air 33 A  
U= 14.8 V/A/km (cos j =0.8)  
Outside diameter: mini 9.5, maxi:11.5  
Weight: 162 kg/km

\* Based on ambient temperatures of 20°C for buried cable or 30°C for cable in the open air and always carrying power.

#### MODEL

Decoder Cable 500 or 1000m