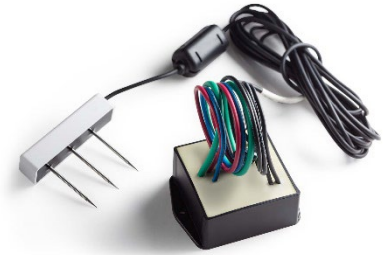


2 WIRE DECODERS

The Calsense 2-Wire Decoders are durable, reliable devices that simplify the installation and expansion of irrigation projects by enabling real-time communication and diagnostics between the CS3000 controller and Command Center Online.



- CS-2W-2ST CS3000 - 2-Wire station decoder with 2-station outputs.
- CS-2W-POC CS3000 - 2-Wire POC decoder with 1 flow meter input and 1 master valve output.
- CS-2W-MOIST CS3000 - 2-Wire soil moisture sensor decoder with 1-station output and attached moisture sensor. Measures soil moisture, temperature, and salinity.

Features

- Maximum 128-stations on 7,000 feet, 14 AWG 2 Wire cable with a maximum decoder load of 70
- Search for and identify all decoders connected to the controller on the 2 Wire and list them in the controller by serial number
- Built-in surge and lightning protection
- Operate six valves simultaneously including master valves
- Diagnoses electrical solenoid problems like “no current”, “electrical short” or “overcurrent”
- Ground wire included with each decoder

Technical Specifications

Mounting

- In valve box dimensions
- Height: 1.4”
- Width: 3.3”
- Length: 4.0”

Wire Connectors

- 3M Scotchcast 3570G Connector Sealing Packs
- 3M DBR/Y-6 Direct Bury Splice Kits

Environment

- Freeze/heat resistant 10°F to 150°F (-12°C to 65°C) solenoid
- 2-station decoder operates 2-solenoids using unique colored wires for each
- POC decoder operates a single master valve and flow sensor Electrical Input
- Nominal voltage: 34 Vpp (24 VAC) from 2-Wire line

Electrical Output

- Max voltage: 24 VAC
Max Distance Decoder to Solenoids
- 100 ft., 14-gauge wire 2-Wire Cable
- 14-gauge (1.5 mm) solid copper, jacketed
- Paige P7354D or Regency’s Hunter® Decoder Cable