



CS-2W

two
wire
decoder

The Calsense 2-Wire technology provides easy and cost effective installation and expansion of any landscape project using the Calsense CS3000 irrigation controller with the Calsense 2-Wire decoder system.

description

The Calsense decoder offers powerful, robust lightning and surge protection, making it durable and reliable.

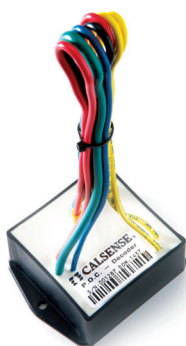
Each decoder not only receives commands from the controller but also sends real-time information back. Diagnostic information is gathered automatically from each decoder on a continual, real-time basis and recorded and transmitted back to the controller as well as the Command Center Online web application.

Smart technology enables assigning any decoder to a station at the controller in any order after field installation using the serial number of the decoder and colored output wires.

The Calsense decoder is available as either a 2-station decoder or as a POC decoder.



model CS-2W-2ST: 2-station decoder



model CS-2W-POC: POC decoder

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 “over-current”
- Ground wire included with each decoder

technical specifications

mounting

- In valve box

dimensions

- Height: 1.4”
- Width: 3.3”
- Length: 4.0”

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

