

# EZ DECODER SYSTEM

Bring two-wire technology to more projects than ever before with the revolutionary, low-cost, and hassle-free EZ Decoder System for Pro-C™, HPC, ICC2, and HCC Controllers.

## KEY BENEFITS

- Number of stations:
  - Pro-C/HPC: Up to 28, plus master valve
  - ICC2/HCC: Up to 54, plus master valve
- No special wire or connectors required
- No special grounding or surge arrestors required in-line
- Programmable decoders with no need to input individual serial numbers
- P/MV can activate via the two-wire path for distant installations
- EZ-1 Decoders have built-in status LED for positive diagnostics

## OPERATING SPECIFICATIONS

- Electrical output on two-wire path: 24 VAC, 50/60 Hz
- Two-wire paths to the field:
  - EZ-DM: 2
  - PC-DM: 1
- Wire paths possible up to 1 km (see Wiring Table below)
- Each EZ-1 Decoder can activate two standard 24 VAC solenoids
- Operate any two decoders simultaneously for more efficient watering (ICC2 and HCC only)
- Approvals: UL, cUL, FCC, CE, RCM, ISED
- EZ-1 Decoders are IP68 rated, submersible
- Warranty period: 3 years

## USER-INSTALLED OPTIONS

- Centralus™ with ICC2
- Hydrowise® with HPC and HCC
- EZ-DT EZ Decoder Diagnostic Tool for wireless diagnostics with EZ-1 Decoders
- DECSTAKE10 Universal Decoder Stake Kit, 10-pack
- Compatible with Waterproof Wire Connector

### WIRING TABLE

International Wire Gauge (mm <sup>2</sup> )	Distance, single solenoid (m)	Distance, 2 solenoids per output
0.5 mm <sup>2</sup>	167	83
0.8 mm <sup>2</sup>	267	133
1 mm <sup>2</sup>	333	167
1.5 mm <sup>2</sup>	500	250
2.5 mm <sup>2</sup>	833	417
4 mm <sup>2</sup>	1,333	667

#### Note

Distances in the Wiring Table are calculated based on 50 Hz with a wire temperature of 50°C and a 10% safety factor.

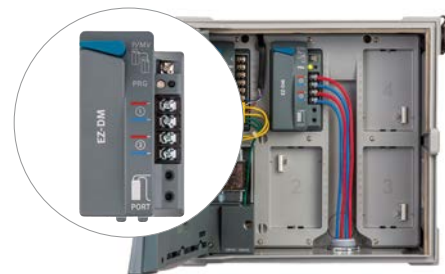
### DECODER MODELS

Model	Description
EZ-DM	Decoder output module for ICC2 and HCC Controllers
PC-DM	Decoder output module for Pro-C and HPC Controllers
EZ-1	Single-station decoder with status LED
EZ-DT	EZ Decoder Diagnostic Tool



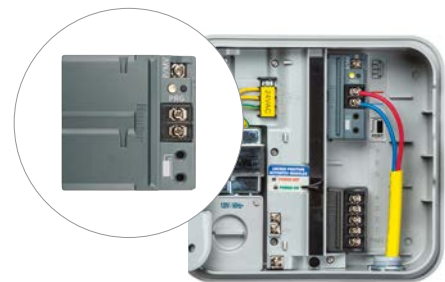
### Single-Station Decoder

Height: 73 mm  
Width: 42 mm  
Depth: 16 mm



### Decoder Output Module: EZ-DM

Height: 115 mm  
Width: 64 mm  
Depth: 42 mm



### Decoder Output Module: PC-DM

Height: 76 mm  
Width: 76 mm  
Depth: 32 mm

Compatible with:



HCC Controller

ICC2 Controller

Pro-C Controller