

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 Controllers only)
- Approvals: UL, cUL, FCC, CE, UKCA, RCM, ISED
- EZ-1 Decoders are IP68 rated, submersible
- Warranty period: 3 years

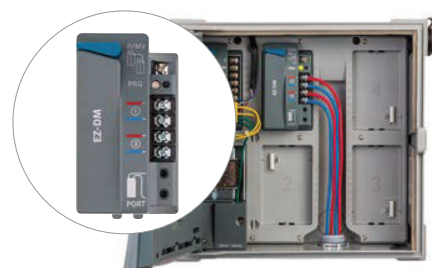
USER-INSTALLED OPTIONS

- Centralus™ Software with Pro-C and ICC2 Controllers
- Hydrowise™ Software with HPC and HCC Controllers
- EZ-DT Diagnostic Tool for wireless diagnostics with EZ-1 Decoders
- DECSTAKE10 Universal Decoder Stake, 10-pack; [see page 144](#)
- Compatible with Waterproof Wire Connector; [see page 145](#)



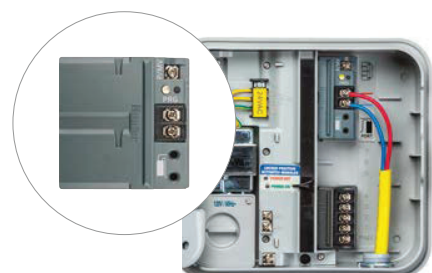
Single-Station Decoder

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

WIRING TABLE

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

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-DT Diagnostic Tool