

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™, ICC2, and HCC controllers.

KEY BENEFITS

- Number of stations:
 - Pro-C: 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 to maximise time and money savings during installation
- Programmable decoders with no need to input individual serial numbers
- P/MV can activate via the two-wire path for pump stations or distant master valves
- Permits hybrid operations of conventional and decoder stations for added flexibility
- 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 chart 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, Industry Canada
- EZ-1 decoders are IP68 rated, submersible
- Warranty period: 3 years

USER-INSTALLED OPTIONS

- Centralus™ with ICC2
- Hydrawise® with HCC
- ICV or PGV valves
- Pump start relays (PSR)

WIRING TABLE

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

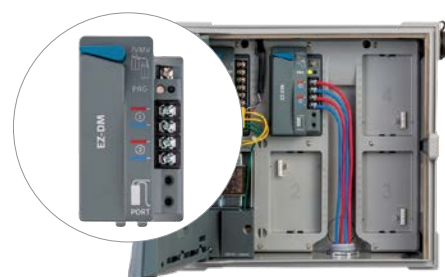
DECODER MODELS

Model	Description
EZ-DM	Decoder output module for HCC and ICC2 controllers
PC-DM	Decoder output module for Pro-C controller
EZ-1	Single-station decoder with status LED



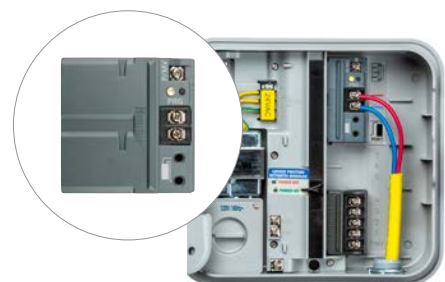
Single-Station Decoder

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



Decoder Output Module

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



Pro-C Decoder Output Module

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

Compatible with:



HCC Controller



ICC2 Controller



Pro-C Controller