

Product Specification

Product: TW - Series
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Description

- Tropical strength switching 2-wire decoder for landscape applications, compatible with Tonick decoder translators.

Features

- Ability to be direct buried.
- Waterproof and Tropical Rated
- Expandable – simply splice additional decoders into the 2-wire line.
- Economical – typical installation requires up to 80% less cable than conventional systems.
- Redressable- Decoders can be reprogrammed 100's of times using the Tonick programming tool.
- Versatile – tolerant of earth leakage in the existing cables, retrofit possible, including bunched multiwire to make 2-wire path.
- Suitable for use with the complete Tonick BT2 twin translator family.

Electrical

- True A/C system not harmful to cable and joints.
- Operating voltage 19VAC-32Vac, 50 or 60 Hz
- Idle current (typical) – 4.5mA
- Holding current (maximum) – 500mA
- Maximum recommended active solenoids per 2-wire path - 4

Operating

- Station address limit as per translator
- May be mixed with other Tonick decoders on the same 2-wire path.
- May be mixed with the Tonick range of sensor decoders for moisture, pressure, water level, flow and digital inputs.

Approvals

- CE (European) marked and compliant
- RoHS (European) compliant & lead free

Physical 2 – way solenoid

- Length: approx. 64mm (not inc. cables)
- Diameter: 42mm OD
- Fully potted to waterproof the electronics.

Wiring

- Low Smoke Type 99, AWG20, stranding_19/0.20mm, Modified polyester insulated, 600V, 300mm length. Mil Std 681.

Protection

- Internal lightning protection.
- No grounding required along 2-wire path.

Certificate of Origin

- Manufactured in the EU.

Warranty

- 5-year warranty including damage by lightning.

Please refer to the Tonick OEM Guide for integration information.

