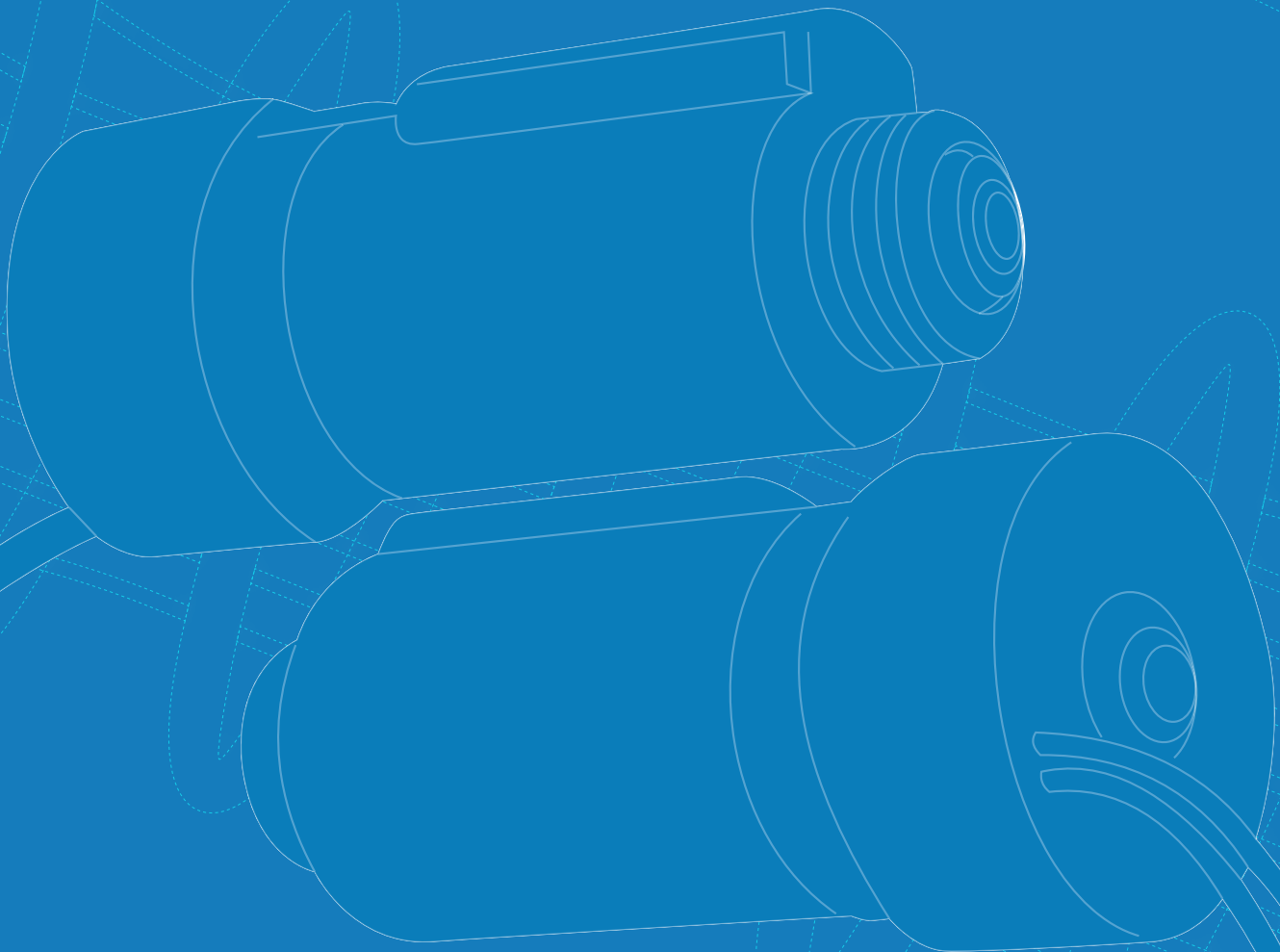AQUAMONIX
Measure. Monitor. Master.

TONICK
KLIP CODER DIAS
– 2 WIRE DECODER

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The **Tonick Klip Coder DIAS** from Aquamonix is a Solenoid with true AC 2 wire decoder. It is suitable for landscape applications and is compatible with other **Tonick** decoder translators from Aquamonix.

The Aquamonix range of **Tonick** 2 wire and wireless products can be used across various industries and tailored to specific project needs. 2 wire decoder systems and 2 wire irrigation controllers are suitable for a wide range of applications, including irrigated agriculture, commercial landscapes, water infrastructure, smart cities and golf and sports turfs.

Features

- Combines 2 wire decoders and solenoid into one product
- Ability to separate and re-attach solenoid from decoder
- Expandable – simply splice additional decoders into the 2 wire line
- Economical – typical installation requires up to 80% less cable than conventional systems
- Re-addressable – **Klip Coder** can be reprogrammed numerous times using the Tonick programming tool
- Internal lightning protection

- No grounding required along 2 wire path
- Versatile – tolerant of earth leakage in existing cables; retrofit possible, including bunched multiwire to make 2 wire path
- Suitable for use with complete **Tonick** BT2 twin translator family
- Increased protection from water intrusion with injected plastic solenoid body and anti-capillary solenoid wires
- Captive plunger to protect against loss during field installation and maintenance

Specifications

Electrical
- True A/C system not harmful to cable and joints Operating voltage 19VAC-32Vac, 50 Hz or 60 Hz
- Idle current (typical) – 4.5mA
- Holding current – 50-60mA
- In-Rush current – 300-350mA
- Maximum recommended active solenoids per 2-wire path – 16 (DIAS)

Operating
- Custom firmware for OEM systems
- Station address limit as per translator
- Compatible with other **Tonick** decoders on the same 2-wire path
- Compatible with the **Tonick** range of sensor decoders for moisture, pressure, water level, flow and digital inputs

Dimensions
- Length: 70mm (not including cables)
- Diameter: 32mm
- Two sections, both fully potted to waterproof the electronics
- Connected by high voltage wiring

Wiring
- Viton sheathed anti-capillary high voltage wire, AWG24/0.22mm^2 interconnection between decoder and solenoid.
- Viton sheathed anti-capillary, AWG20/0.5mm^2, 450mm length, for two wire connection

How to order

Simply send us an email at sales@aquamonix.com.au
contact your local distributor or phone 1300 797 246.

About Aquamonix

Aquamonix provides innovative products and services to assist businesses and communities in monitoring critical water resources, managing environmental compliance and mastering remote infrastructure. We are a major supplier of flowmeters, water quality sensors, remote telemetry systems and control solutions for the Australian irrigation market. We are the only Australian manufacturer of full bore flowmeters and have an installed base of more than 40,000 sites and over 40 years of experience in the industry.