

Tonick Watering

SPECIFICATION: TW/NT SERIES OF 2WIRE DECODERS

- Operate voltage 19VAC-32VAC, 50 Hz or 60 Hz (but AC solenoids take 15%-20% less current at 60Hz)
- Standby current 3mA nominal



- 1-4 outputs with TW/NT-1, TW/NT-2, TW/NT-3, TW/NT-4 respectively
 - Station address 1-127
 - When solenoid energised, the full 2wire path AC voltage is continuously applied from the decoder
 - May be freely mixed with Decoder In A Solenoid (DIAS) on the same 2 wire path
 - May be freely mixed with the Tonick range of Sensor decoders for moisture, pressure, water level, flow and digital inputs
 - Multi-colour LED on base (through a light pipe). Green = listening; orange = solenoid powered; no LED = no 2wire path power
 - Each solenoid output max 500mA continuous
 - Multiple output decoders (-2, -3, -4) max decoder current, all outputs on together; 1.1A
- White tube with red endcaps. length 90mm, dia. 42mm (-2, -3, -4)
 - White tube with red endcaps. length 64mm, dia. 42mm (-1 only)

Wire colours:

Red: 2wire live

Black: 2wire neutral

Brown: solenoid common. (Internally connected to red)

Yellow: solenoid 1

Orange: solenoid 2

Green: solenoid 3

Violet: solenoid 4



- Military grade type 99 connecting wires (300mm, AWG18)
 - Powerful internal lightning protection. No grounding required along 2 wire path
 - Tolerant of earth leakage in old cables, retrofit possible, including bunched multiwire to make 2wire
 - Totally waterproof
 - 5 year warranty including damage by lightning
- 2 wire path polarity indifferent. Red & Black interchangeable onto main cable (but remember the brown/red internal connection)
 - Some makes of AC solenoids overheat when continually supplied with more than 28VAC.