TRM Sensors LLC   Data Sheet

TRM Cable-to-SDR Adapter

Product Description

TRM Cable-to-SDR Adapter is special purpose circuit board that is used to connect a 4-wire, leak detection sensor cable to the TRM-Easy5-SDR.   .

The **Adapter** mounts directly onto the input terminal blocks of the TRM-Easy5-SDR and when connected, automatically invokes the software module stored within the Easy5-SDR that is used monitor 4-wire cable.

There is a 2 position terminal block for connection to the 12 Vdc to 24 Vdc power supply.   Power is routed through the adapter board to both the Easy5-SDR module and to the cable circuit.   There is an additional 4 position terminal block used to connect a standard red-green-yellow-black leader cable.
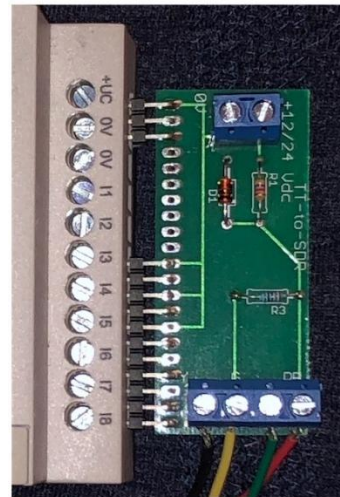
The adapter is primarily designed to monitor TRM-Waterwire-HT sensor cable but will also accommodate any of the TraceTek family of water, hazardous fluid and hydrocarbon sensor cables.   Additionally TTK's analog sensor cable and RLE sensor cables can be connected.

Cable breaks and leak detections are reported via relay contact outputs and color coded messages. On the SDR's status screen,

When a leak is detected, the leak location is estimated and reported on the status screen. Leak location readout should be correlated to a system map prepared at the time of installation.

Key Features

- Adapter board mounts directly to SDR input terminal block
- Operates on either 12 Vdc or 24 Vdc and supplies power to the SDR relay and the sensor cable
- Allows TRM-Easy5-SDR to monitor TRM Waterwire-HT, TraceTek sensor cable, RLE sensor cable and TTK analog sensor cables.
- Leak Location is calculated and reported on status screen

Product Specifications

- Operating Voltage: 12 Vdc or 24 Vdc (no need to pre-select)
  - Power to both sensor cable circuit and SDR relay is routed through adapter board
- Mounts directly to TRM-Easy5-SDR input terminal block
- Connects up to 1000 ft. of any 4 -wire sensor cable including:
  - TRM-Waterwire®-HT
  - TraceTek sensor cables
  - RLE sensor cables
  - TTK analog sensor cables
- Enables TRM-Easy5-SDR to monitor sensor cable for cable breaks and leak detection.
- Location readout accuracy varies by sensor cable and should always be correlated to a system map prepared at installation.
- Operating Temperature: -13˚F to 131˚F (-25˚C to +55˚C)
- Relative Humidity 5% to 95%, non-condensing