TTSIM-2 Sensor Interface Module

nVent RAYCHEM TraceTek TTSIM-2 is a sensor interface module with capacity to monitor up to 150m (500ft) of sensor cable. Leak alarm signaling is via 3-digit leak location on built-in LCD display, LED, dry contact relay, and serial data to a PLC or host system using standard protocols. It can be used as a stand-alone leak detection alarm unit, or in networks with other TTSIM, TT-NRM, TTDM-128, or TT-TS12 modules. Available in 24, 120 or 230 Vac 50/60 Hz or 12 or 24 Vdc.

FEATURES

- Easy to install (DIN rail mounted), simple to set up and operate
- Enclosures available for stand-alone indoor or outdoor installations
- Leak location display on LCD
- LEDs indicate power, leak, cable trouble and communication status
- Volt-free contacts for alarm signaling
- Simple twisted pair serial RS-485 communications up to 1200m (4000ft) with automatic protocol selection (MODBUS, Opto 22 and Metasys)

SPECIFICATIONS

Depth:	58 mm
Width:	70 mm
Height:	86 mm
Operating Temperature:	0 – 50 °C
Display:	LCD
Relay Contacts:	SPDT, Form C

Table 1/1

Catalog Number	Item Name	Supply Voltage	Supply Voltage Type
P000000907	TTSIM-2-24VDC	24 V	DC
P000000139	TTSIM-2-230	230 V	AC

Catalog Number	Item Name	Supply Voltage	Supply Voltage Type
P000000138	TTSIM-2-120	120 V	AC
P000000900	TTSIM-2-12VDC	12 V	DC
P000000137	TTSIM-2	24 V	AC

WARNING

nVent products shall be installed and used only as indicated in nVent's product instruction sheets and training materials. Instruction sheets are available at www.nvent.com and from your nVent customer service representative. Improper installation, misuse, misapplication or other failure to completely follow nVent's instructions and warnings may cause product malfunction, property damage, serious bodily injury and death and/or void your warranty.

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