TTSIM-1A Sensor Interface Module

nVent RAYCHEM TraceTek TTSIM-1A is a sensor interface module with capacity to monitor up to 150 m (500 ft) of sensor cable. Leak alarm signaling is via 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 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
- 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
Relay Contacts:	SPDT, Form C

Table 1/1

Catalog Number	Item Name	Supply Voltage	Supply Voltage Type
P000000906	TTSIM-1A-24VDC	24 V	DC
P000000047	TTSIM-1A-120	120 V	AC
P000000899	TTSIM-1A-12VDC	12 V	DC

Catalog Number	Item Name	Supply Voltage	Supply Voltage Type
P000000046	TTSIM-1A	24 V	AC
P000000048	TTSIM-1A-230	230 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.

North America
Tel +1.800.545.6258
Fax +1.800.527.5703
thermal.info@nvent.com

Europe, Middle East, Africa
Tel +32.16.213.511
Fax +32.16.213.604
thermal.info@nvent.com

Asia Pacific
Tel +86.21.2412.1688
Fax +86.21.5426.3167
cn.thermal.info@nvent.com

Latin America
Tel +1.713.868.4800
Fax +1.713.868.2333
thermal.info@nvent.com