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**
P000000046	TTSIM-1A	24 V	AC
P000000047	TTSIM-1A-120	120 V	AC
P000000048	TTSIM-1A-230	230 V	AC

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

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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