

# TTSIM-1 Sensor Interface Module



nVent RAYCHEM TraceTek TTSIM-1 is a sensor interface module with capacity to monitor up to 1500 m (5000 ft) of sensor cable. It can communicate details of leaks to a variety host monitoring systems including a TraceTek TTDM-128, TT-TS12, a PLC, DCS or Building Management System using standard protocols. It is well suited to applications where large areas are being monitored, or long sensor circuit lengths are required. Available in 24 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, status and communication

Simple twisted pair serial RS-485 communications up to 1200m (4000ft) with automatic protocol selection (MODBUS, Opto 22 and Metasys)

Special leak detection algorithms provide enhanced capability for difficult applications

## SPECIFICATIONS

|                               |           |
|-------------------------------|-----------|
| <b>Depth:</b>                 | 58 mm     |
| <b>Width:</b>                 | 70 mm     |
| <b>Height:</b>                | 86 mm     |
| <b>Operating Temperature:</b> | 0 – 50 °C |

Table 1/1

| Catalog Number | Item Name     | Supply Voltage | Supply Voltage Type |
|----------------|---------------|----------------|---------------------|
| P000000905     | TTSIM-1-24VDC | 24 V           | DC                  |
| P000000898     | TTSIM-1-12VDC | 12 V           | DC                  |
| 518125-000     | TTSIM-1       | 24 V           | AC                  |

## **WARNING**

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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](http://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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