

100T-MS Methane Sensor Endpoint User Manual



The 100T-MS is an endpoint that includes a methane sensor used to detect, record, and transmit methane levels and alarms to a 100 Series collector or repeater.

To Install the Endpoint

1. Attach the endpoint mounting bracket to the wall or pipe and use the bracket leveling feature to ensure it is level.
2. Attach the endpoint to the mounting bracket using the screws provided.
3. Cover the screws with the tamper caps.
4. Using an FC300 radio put the endpoint into Run mode.
5. Verify that methane level messages for the particular endpoint ID are being received at the head end application.

Troubleshooting

If methane level messages are not being received, check the following:

- The Endpoint is in Run mode
- The CCU or repeater is installed within range of the endpoint is powered.
- The head end application is connected to the correct database that contains the endpoint data.

Service

The endpoint contains a non-serviceable lifetime battery. If the unit fails, please return to Itron for repair/replacement.

Compliance Statement

This device complies with Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference that may cause undesirable operation.

This device must be permanently mounted such that it retains a distance of 20 centimeters (7.9 inches) from all persons in order to comply with FCC RF exposure levels. This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio or TV technician for help.



Warning

ELECTROMAGNETIC COMPATIBILITY
Use only approved accessories with this equipment. Unapproved modifications or operation beyond or in conflict with these instructions for use may void authorization by the authorities to operate the equipment.