

REQUIRED MATERIAL

63623-026 Cable Tie
63623-024 Security Seal

If the pit ERT and register are not installed at the same time, the protective cover on the unit to be installed in the pit must be sealed using cable tie provided in installation kit. These can be ordered from Itron (they are not shipped with ERTs).



Cable Tie on ERT Connector



Cable Tie on Register or Reed Switch Connector

To install cable tie, thread it through the holes in connector and protective cover, then through the eye of the cable tie and pull tight, as shown above. To remove cable tie, cut with a pair of side cutters.

To remove protective cover from the connector, twist the two halves in opposite directions and pull apart, as shown below.



Register or Reed Switch Connector



ERT Connector

CAUTION

If any of the following conditions occur, do not install the pit ERT.

- If any of the three pins are damaged or missing
- The O-ring is missing
- The cable is cut

To connect the ERT to the register:

Holding connectors by the backshells, rotate one end to align the keyed slots. Push until snug.

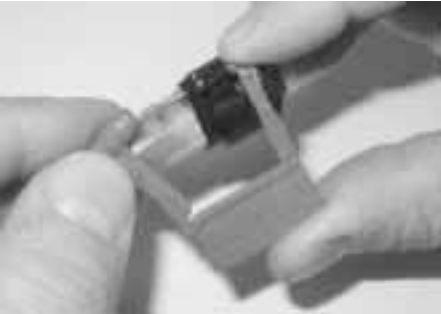


Slide the black coupling over the O-ring.





Twist to align the two tabs.



Install security seal as shown. Push until it snaps into place.

NOTE: For future service of meter or ERT module, break seal by pulling apart. Original protective covers can be reused if kept clean and dry. Install a new security tag after servicing.

NOTE: For through lid installations, ERT must be installed through lid prior to assembling connector.

CAUTION

Be sure to protect connectors with protective covers. Do not leave an exposed connector in the field.

Troubleshooting a 50W-1 with in-line connector

The 50W-1 with in-line connector allows quick and easy troubleshooting. Perform the following procedures:

1. If the ERT module is not reading register, disconnect the in-line connector.
2. Plug in an ERT module that is known to be good and properly programmed. If ERT now reads the register correctly, the problem is in the ERT.
3. If an ERT module that is known to be good cannot read the register, plug in a register that is known to be good. If the ERT now reads the register correctly, the problem is in the register.

NOTE: Water must flow through register to cause ERT to increment.

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